RMA Industry Report

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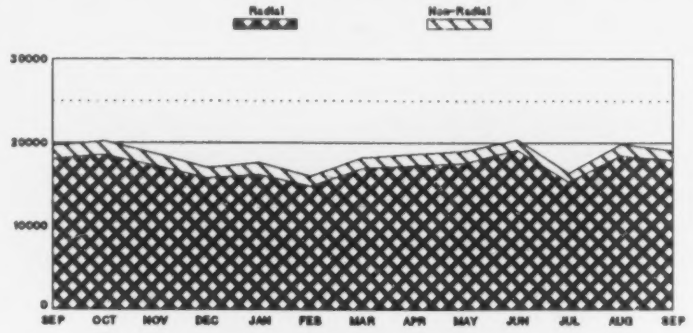
MONTHLY TIRE REPORT

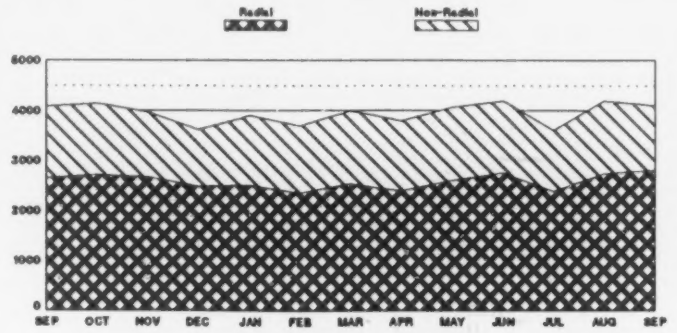
SEPTEMBER 1989

This report was compiled by the Rubber Manufacturers Association (RMA) and and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

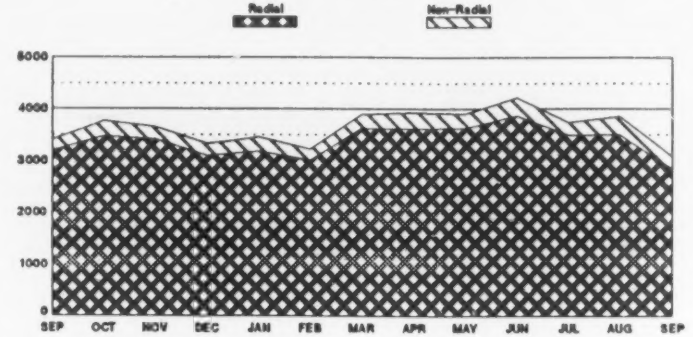
PASSENGER TIRE SHIPMENTS
(Figures in Millions of Units)



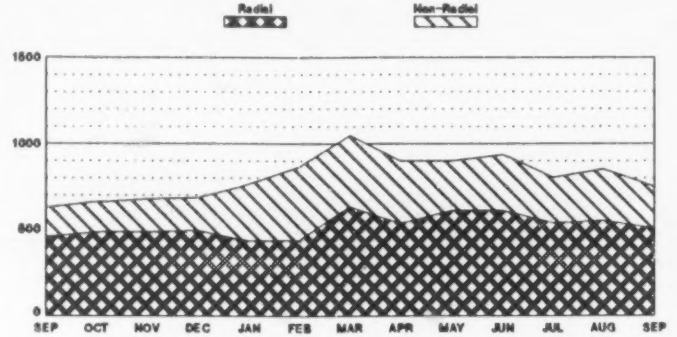
TRUCK & BUS TIRE SHIPMENTS
(Figures in Millions of Units)



PASSENGER TIRE IMPORTS
(Figures in Millions of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Millions of Units)



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RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 11/16/89

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	4,040	3,428	10,648	9,920	775	672	15,463	14,019	14,386	12,994	29,893	26,835
FEBRUARY	4,335	3,700	10,790	10,083	896	802	16,021	14,584	14,893	13,427	32,239	28,982
MARCH	4,937	4,209	12,746	11,856	954	834	18,637	16,899	15,872	14,311	33,008	29,747
APRIL	4,823	4,096	11,925	11,105	801	671	17,549	15,872	14,618	13,198	33,420	30,277
MAY	5,197	4,415	12,863	11,983	695	621	18,755	17,019	14,438	13,086	32,514	29,515
JUNE	4,940	4,244	14,954	13,958	719	635	20,612	18,837	14,883	13,581	30,617	27,877
JULY	2,965	2,507	12,918	12,113	602	554	16,485	15,174	12,492	11,613	30,258	27,777
AUGUST	4,126	3,531	14,777	13,925	858	785	19,761	18,241	14,860	13,627	29,198	26,820
SEPTEMBER	4,784	4,085	14,097	13,273	781	717	19,662	18,075	14,933	13,703	28,125	25,887
PREV YTD	40,147	34,216	115,717	10[illegible],216	7,080	6,290	162,945	148,721	131,376	119,541	28,125	25,887
OCTOBER	4,896	4,183	14,432	13,581	849	788	20,178	18,553	15,703	14,411	27,444	25,237
NOVEMBER	4,820	4,153	13,105	12,369	726	658	18,651	17,179	14,149	13,130	26,898	24,907
DECEMBER	4,268	3,708	12,040	11,413	709	648	17,017	15,769	13,114	12,120	26,618	24,682
PREV TOT	54,131	46,260	155,294	145,579	9,365	8,383	218,790	200,222	174,341	159,202	26,618	24,682
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
CURR YTD	39,748	34,693	115,368	109,590	9,619	8,970	164,734	153,254	134,302	125,457	31,943	30,074
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	0.8	1.1	-3.9	-3.1	-15.1	-15.9	-3.6	-3.0	-7.6	-8.3	-5.0	-5.2
PREV/CURR	-10.1	-7.8	-2.4	-0.6	28.4	31.0	-3.1	-0.9	-7.1	-5.0	13.6	16.2
YTD CHG	-1.0	1.4	-0.3	1.3	35.9	42.6	1.1	3.0	2.2	4.9	5.6	8.9

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 11/16/89

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	673	485	2,413	1,400	246	189	3,332	2,074	2,959	1,770	7,154	4,412
FEBRUARY	730	538	2,454	1,468	267	200	3,451	2,206	3,134	1,879	7,665	4,699
MARCH	822	609	2,994	1,677	355	294	4,171	2,580	3,433	2,060	7,729	4,719
APRIL	783	575	2,576	1,476	292	228	3,651	2,279	3,024	1,875	7,729	4,784
MAY	813	597	2,696	1,576	275	211	3,785	2,384	2,965	1,827	7,645	4,781
JUNE	778	573	3,094	1,785	273	214	4,145	2,573	3,058	1,865	7,359	4,645
JULY	561	406	2,805	1,666	191	149	3,556	2,221	2,530	1,599	7,097	4,542
AUGUST	718	509	3,154	1,865	258	186	4,130	2,560	3,198	2,003	6,866	4,481
SEPTEMBER	772	598	3,021	1,826	283	226	4,076	2,650	3,182	2,020	6,646	4,331
PREV YTD	6,650	4,891	25,209	14,740	2,439	1,898	34,298	21,529	27,483	16,897	6,646	4,331
OCTOBER	776	611	3,044	1,864	314	238	4,134	2,713	3,435	2,210	6,630	4,322
NOVEMBER	709	587	2,997	1,873	263	208	3,970	2,669	3,104	2,005	6,536	4,224
DECEMBER	666	550	2,668	1,730	284	207	3,618	2,487	2,988	1,943	6,573	4,135
PREV TOT	8,801	6,639	33,918	20,207	3,301	2,550	46,021	29,397	37,010	23,055	6,573	4,135
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
CURR YTD	6,452	5,368	26,387	15,682	2,673	1,990	35,512	23,039	29,124	19,498	7,909	5,276
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-7.6	-6.9	-0.7	4.7	-9.0	5.7	-2.5	2.3	-5.4	-5.6	-4.3	-4.5
PREV/CURR	-16.1	-8.1	4.4	10.5	2.1	1.7	0.4	5.6	-3.2	5.9	19.0	21.8
YTD CHG	-3.0	9.7	4.7	6.4	9.6	4.9	3.5	7.0	6.0	15.4	9.4	10.7

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 11/16/89

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	58	5	215	7	30	1	303	14	275	10	696	15
FEBRUARY	51	3	253	10	26	1	330	14	271	13	669	15
MARCH	66	6	286	12	28	1	380	19	315	15	646	12
APRIL	59	6	261	7	22	1	342	15	305	14	649	12
MAY	63	7	221	6	20	1	304	14	259	12	644	11
JUNE	58	6	215	4	17	1	290	12	274	14	660	14
JULY	53	6	212	4	18	1	284	11	224	11	629	15
AUGUST	66	6	219	4	18	2	303	12	222	13	593	15
SEPTEMBER	77	7	204	4	22	3	303	14	236	14	577	17
PREV YTD	551	52	2,086	58	201	13	2,838	123	2,380	117	577	17
OCTOBER	77	7	199	4	20	1	296	13	316	17	594	22
NOVEMBER	70	6	178	7	21	1	269	13	278	16	639	25
DECEMBER	55	6	199	9	25	2	279	16	300	17	678	26
PREV TOT	753	71	2,662	78	267	17	3,682	166	3,273	168	678	26
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
CURR YTD	655	78	2,104	67	215	12	2,974	156	2,728	163	734	32
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	13.0	19.7	-2.4	16.8	-24.6	94.1	-0.6	22.6	3.1	-13.3	-0.9	-1.2
PREV/CURR	-2.8	38.7	9.2	21.1	-33.5	-52.8	3.0	15.8	14.0	12.9	27.3	86.2
YTD CHG	18.7	48.8	0.9	15.5	6.8	-11.4	4.8	26.8	14.6	39.1	14.9	76.1

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 11/16/89

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	569		222	2	20		810	3	725	1	1,635	16
FEBRUARY	583		212	2	20		814	2	762		1,539	15
MARCH	666		173	2	36		874	2	816		1,417	14
APRIL	599		156	1	20		775	2	703	1	1,574	6
MAY	560		160	2	18		738	2	785	1	865	5
JUNE	361		191	2	22		574	2	780		1,051	5
JULY	222		116	1	25		364	1	429		1,101	5
AUGUST	330		149	1	28		508	2	585		1,148	4
SEPTEMBER	359		106	2	25		490	2	603		1,251	5
PREV YTD	4,249	1	1,485	14	213	1	5,947	17	6,187	4	1,251	5
OCTOBER	428		107	2	19		553	2	639		1,306	5
NOVEMBER	388		90	1	19		497	1	592		1,352	5
DECEMBER	475		77	1	13		566	1	490		1,226	5
PREV TOT	5,540	2	1,759	18	264	1	7,563	21	7,908	4	1,226	5
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
CURR YTD	3,269	1	1,698	17	234	3	5,200	21	6,400	4	1,912	8
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-14.8	-72.4	-21.2	-15.2	-17.3	-86.3	-17.4	-29.9	-7.6	12100.0	18.6	-2.5
PREV/CURR	-29.0	89.4	49.8	41.8	-4.4	612.5	-10.7	46.2	40.3	-69.7	52.9	48.7
YTD CHG	-23.1	-3.3	14.3	18.3	9.5	142.8	-12.6	25.8	3.4	-1.0	-13.7	5.3

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 11/16/89

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1988								
JANUARY	443	324	1,105	825	213	187	212	111
FEBRUARY	481	390	1,063	1,027	242	230	154	151
MARCH	548	562	1,186	1,058	257	266	178	136
APRIL	402	477	1,110	837	266	259	179	129
MAY	519	381	1,107	854	262	262	173	149
JUNE	470	274	1,098	764	279	228	195	145
JULY	468	349	1,146	758	261	167	135	138
AUGUST	481	468	1,290	1,015	297	297	153	165
SEPTEMBER	480	378	1,135	982	262	296	152	151
PREV YTD	4,292	3,602	10,240	8,120	2,338	2,191	1,532	1,273
OCTOBER	531	446	1,252	982	239	278	139	116
NOVEMBER	430	292	1,064	612	190	136	103	87
DECEMBER	305	315	841	710	140	175	78	71
PREV TOT	5,557	4,654	13,396	10,423	2,907	2,780	1,853	1,547
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
CURR YTD	4,237	3,624	9,216	5,498	2,520	1,861	1,525	1,050
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	-8.8	-12.7	-11.2	-6.3	-7.3	2.8	-13.4	-8.0
PREV/CURR	10.8	22.8	-5.0	-30.1	17.3	-9.2	-3.8	-16.9
YTD CHG	-1.3	0.6	-10.0	-32.3	7.8	-15.0	-0.5	-17.5

MONTH: SEPTEMBER, 1989

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 11/16/89

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1988													
JANUARY	2,653	154	129	51	320	138	195	3	80	415	177	428	64
FEBRUARY	2,923	180	125	53	369	117	122	2	79	469	169	483	101
MARCH	3,151	185	168	55	398	188	170	2	181	547	253	491	84
APRIL	3,059	183	159	56	348	128	202	2	70	456	139	616	80
MAY	2,907	194	159	51	354	115	201	3	127	474	115	445	88
JUNE	3,346	203	146	65	399	158	121	3	99	451	160	446	83
JULY	3,202	178	128	58	368	163	186	3	37	287	305	462	40
AUGUST	3,371	196	150	58	314	120	130	3	50	227	379	494	59
SEPTEMBER	3,187	215	144	57	316	113	97	4	60	175	273	280	28
PREV YTD	27,799	1,688	1,308	504	3,186	1,240	1,424	25	783	3,501	1,970	4,145	627
OCTOBER	3,471	301	140	53	344	124	110	3	93	242	213	265	43
NOVEMBER	3,415	235	130	57	359	133	142	2	61	243	307	274	37
DECEMBER	3,090	241	138	56	327	132	186	2	30	228	280	563	80
PREV TOT	37,775	2,465	1,716	670	4,216	1,629	1,862	32	967	4,214	2,770	5,247	787
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
CURR YTD	30,765	2,539	1,785	504	3,115	2,446	1,177	25	3,790	1,602	3,094	3,074	637
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	-18.9	-34.0	2.1	-33.9	-14.9	-15.8	-27.7	17.9	-2.8	3.1	-5.8	-7.0	-32.8
PREV/CURR	-10.8	7.5	41.4	-21.1	-4.1	74.3	-11.3	-33.9	531.5	-4.3	3.8	6.6	56.4
YTD CHG	10.7	50.4	36.4	-0.1	-2.2	97.3	-17.3	-0.1	384.0	-54.3	57.0	-25.8	1.5

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those develop Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenge tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from fa site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tracto category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company, The
Bridgestone U.S.A., Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
Firestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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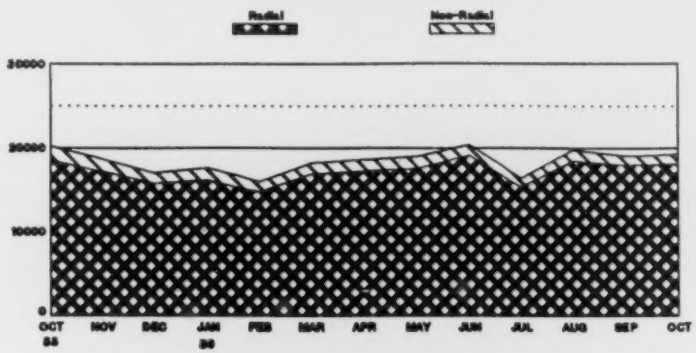
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

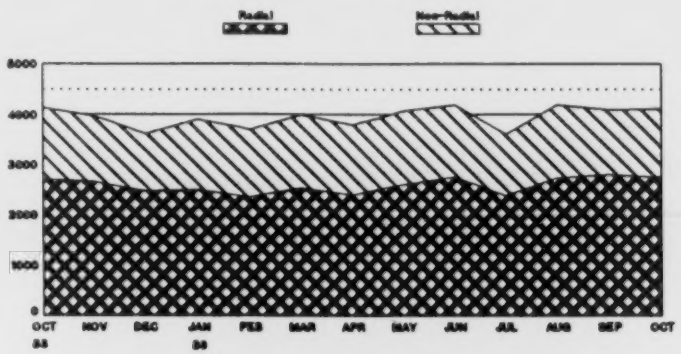
OCTOBER 1989

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

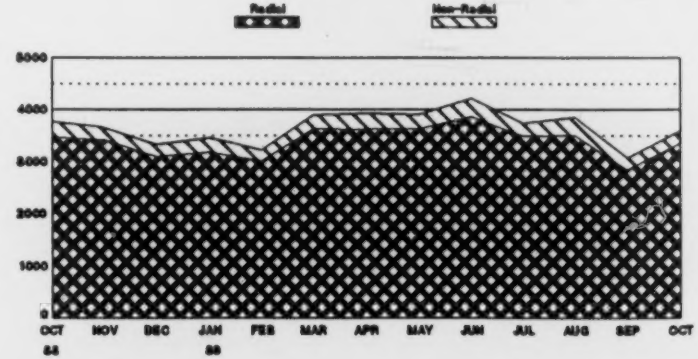
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



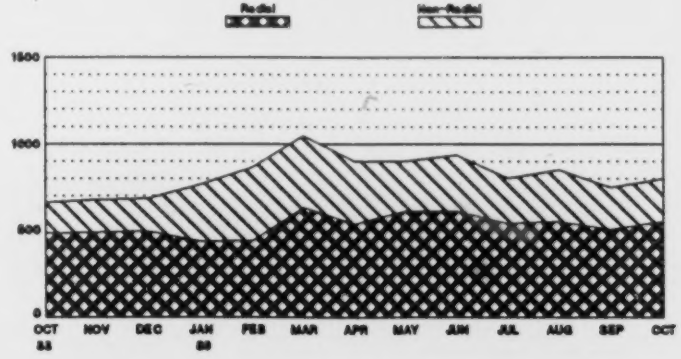
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 01/03/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	4,040	3,428	10,648	9,920	775	672	15,463	14,019	14,386	12,994	29,893	26,835
FEBRUARY	4,335	3,700	10,790	10,083	896	802	16,021	14,584	14,893	13,427	32,239	28,982
MARCH	4,937	4,209	12,746	11,856	954	834	18,637	16,899	15,872	14,311	33,008	29,747
APRIL	4,823	4,096	11,925	11,105	801	671	17,549	15,872	14,618	13,198	33,420	30,277
MAY	5,197	4,415	12,863	11,983	695	621	18,755	17,019	14,438	13,086	32,514	29,515
JUNE	4,940	4,244	14,954	13,958	719	635	20,612	18,837	14,883	13,581	30,617	27,877
JULY	2,965	2,507	12,918	12,113	602	554	16,485	15,174	12,492	11,613	30,258	27,777
AUGUST	4,126	3,531	14,777	13,925	858	785	19,761	18,241	14,860	13,627	29,198	26,820
SEPTEMBER	4,784	4,085	14,097	13,273	781	717	19,662	18,075	14,933	13,703	28,125	25,887
OCTOBER	4,896	4,183	14,432	13,581	849	788	20,178	18,553	15,703	14,411	27,444	25,237
PREV YTD	45,043	38,399	130,150	121,797	7,930	7,078	183,122	167,274	147,079	133,952	27,444	25,237
NOVEMBER	4,820	4,153	13,105	12,369	726	658	18,651	17,179	14,149	13,130	26,898	24,907
DECEMBER	4,268	3,708	12,040	11,413	709	648	17,017	15,769	13,114	12,120	26,618	24,682
PREV TOT	54,131	46,260	155,294	145,579	9,365	8,383	218,790	200,222	174,341	159,202	26,618	24,682
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
CURR YTD	44,060	38,423	129,182	122,858	10,716	10,009	183,958	171,289	149,426	139,728	31,331	29,546
NOVEMBER												
DECEMBER												
PREV MTH	0.3	-1.0	0.4	0.5	9.5	10.5	0.9	0.7	9.0	9.7	-1.9	-1.8
PREV/CURR	-11.9	-10.8	-4.3	-2.3	29.2	31.8	-4.7	-2.8	-3.7	-1.0	14.2	17.1
YTD CHG	-2.2	0.1	-0.7	0.9	35.1	41.4	0.5	2.4	1.6	4.3	6.4	9.7

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 01/03/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	673	485	2,413	1,400	246	189	3,332	2,074	2,959	1,770	7,154	4,412
FEBRUARY	730	538	2,454	1,468	267	200	3,451	2,206	3,134	1,879	7,665	4,699
MARCH	822	609	2,994	1,677	352	294	4,171	2,580	3,433	2,060	7,729	4,719
APRIL	783	575	2,576	1,476	292	228	3,651	2,279	3,024	1,875	7,729	4,784
MAY	813	597	2,696	1,576	275	211	3,735	2,384	2,965	1,827	7,645	4,781
JUNE	778	573	3,094	1,785	273	214	4,145	2,573	3,058	1,865	7,359	4,645
JULY	561	406	2,805	1,666	191	149	3,556	2,221	2,530	1,599	7,097	4,542
AUGUST	718	509	3,154	1,865	258	186	4,130	2,560	3,198	2,003	6,866	4,481
SEPTEMBER	772	598	3,021	1,826	283	226	4,076	2,650	3,182	2,020	6,646	4,331
OCTOBER	776	611	3,044	1,864	314	238	4,134	2,713	3,435	2,210	6,630	4,322
PREV YTD	7,426	5,503	28,253	16,603	2,753	2,135	38,432	24,241	30,918	19,107	6,630	4,322
NOVEMBER	709	587	2,997	1,873	263	208	3,970	2,669	3,104	2,005	6,536	4,224
DECEMBER	666	550	2,668	1,730	284	207	3,618	2,487	2,988	1,943	6,573	4,135
PREV TOT	8,801	6,639	33,918	20,207	3,301	2,550	46,021	29,397	37,010	23,055	6,573	4,135
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
CURR YTD	7,049	5,875	29,576	17,688	2,998	2,235	39,623	25,798	32,402	21,744	7,825	5,262
NOVEMBER												
DECEMBER												
PREV MTH	-7.7	-7.8	1.1	-0.5	12.4	6.7	0.5	-1.4	6.3	5.1	-1.1	-0.3
PREV/CURR	-23.0	-17.1	4.8	7.7	3.4	3.1	-0.5	1.7	-4.6	1.6	18.0	21.7
YTD CHG	-5.1	6.8	4.7	6.5	8.9	4.7	3.1	6.4	4.8	13.8	10.2	11.8

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 01/03/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	58	5	215	7	30	1	303	14	275	10	696	15
FEBRUARY	51	3	253	10	26	1	330	14	271	13	669	15
MARCH	66	6	286	12	28	1	380	19	315	15	646	12
APRIL	59	6	261	7	22	1	342	15	305	14	649	12
MAY	63	7	221	6	20	1	304	14	259	12	644	11
JUNE	58	6	215	4	17	1	290	12	274	14	660	14
JULY	53	6	212	4	18	1	284	11	224	11	629	15
AUGUST	66	6	219	4	18	2	303	12	222	13	593	15
SEPTEMBER	77	7	204	4	22	3	303	14	236	14	577	17
OCTOBER	77	7	199	4	20	1	296	13	316	17	594	22
PREV YTD	628	59	2,285	62	221	14	3,134	136	2,696	134	594	22
NOVEMBER	70	6	178	7	21	1	269	13	278	16	639	25
DECEMBER	55	6	199	9	25	2	279	16	300	17	678	26
PREV TOT	753	71	2,662	78	267	17	3,682	166	3,273	168	678	26
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
CURR YTD	749	88	2,330	71	235	13	3,315	172	3,046	179	686	32
NOVEMBER												
DECEMBER												
PREV MTH	27.0	1.9	1.3	-11.3	39.5	24.2	9.2		18.0	8.5	-6.5	0.2
PREV/CURR	23.0	51.0	13.5	-9.2	4.2	17.7	15.4	26.5	0.4	-3.3	15.6	47.7
YTD CHG	19.3	49.0	2.0	13.8	6.5	-8.7	5.8	26.8	13.0	33.6	15.0	71.9

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 01/03/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	569		222	2	20		810	3	725	1	1,635	16
FEBRUARY	583		212	2	20		814	2	762		1,539	15
MARCH	666		173	2	36		874	2	816		1,417	14
APRIL	599		156	1	20		775	2	703	1	1,574	6
MAY	560		160	2	18		738	2	785	1	865	5
JUNE	361		191	2	22		574	2	780		1,051	5
JULY	222		116	1	25		364	1	429		1,101	5
AUGUST	330		149	1	28		508	2	585		1,148	4
SEPTEMBER	359		106	2	25		490	2	603		1,251	5
OCTOBER	428		107	2	19		553	2	639		1,306	5
PREV YTD	4,676	1	1,592	16	232	1	6,500	19	6,825	4	1,306	5
NOVEMBER	388		90	1	19		497	1	592		1,352	5
DECEMBER	475		77	1	13		566	1	490		1,226	5
PREV TOT	5,540	2	1,759	18	264	1	7,563	21	7,908	4	1,226	5
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
CURR YTD	3,565	1	1,849	20	259	5	5,673	27	7,346	4	2,198	6
NOVEMBER												
DECEMBER												
PREV MTH	16.3	-36.0	-5.0	64.7	7.7	3626.3	8.1	149.4	12.0	529.8	15.0	-15.5
PREV/CURR	-30.7	-9.5	41.3	115.4	37.2	1325.5	-14.5	208.5	48.3	80.6	68.3	32.1
YTD CHG	-23.8	-3.6	16.2	28.5	11.8	269.9	-12.7	44.1	7.6	7.3	-5.4	7.0

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1988								
JANUARY	443	324	1,105	825	213	187	212	111
FEBRUARY	481	390	1,063	1,027	242	230	154	151
MARCH	548	562	1,186	1,058	257	266	178	136
APRIL	402	477	1,110	837	266	259	179	129
MAY	519	381	1,107	854	262	262	173	149
JUNE	470	274	1,098	764	279	228	195	145
JULY	468	349	1,146	758	261	167	135	138
AUGUST	481	468	1,290	1,015	297	297	153	165
SEPTEMBER	480	378	1,135	982	262	296	152	151
OCTOBER	531	446	1,252	982	239	278	139	116
PREV YTD	4,823	4,048	11,491	9,102	2,577	2,469	1,672	1,389
NOVEMBER	430	292	1,064	612	190	136	103	87
DECEMBER	305	315	841	710	140	175	78	71
PREV TOT	5,557	4,654	13,396	10,423	2,907	2,780	1,853	1,547
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
CURR YTD	4,728	4,079	10,342	6,305	2,814	2,110	1,663	1,174
NOVEMBER								
DECEMBER								
PREV MTH	-7.6	-1.8	4.5	17.5	-4.6	-7.4	-5.7	-1.5
PREV/CURR	-7.4	2.2	-10.0	-17.8	22.9	-10.6	-1.0	6.6
YTD CHG	-2.0	0.8	-10.0	-30.7	9.2	-14.5	-0.5	-15.5

MONTH: OCTOBER, 1989

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 01/03/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1988													
JANUARY	2,653	154	129	51	320	138	195	3	80	415	177	428	64
FEBRUARY	2,923	180	125	53	369	117	122	2	79	469	169	483	101
MARCH	3,151	185	168	55	398	188	170	2	181	547	253	491	84
APRIL	3,059	183	159	56	348	128	202	2	70	456	139	616	80
MAY	2,907	194	159	51	354	115	201	3	127	474	115	445	88
JUNE	3,346	203	146	65	399	158	121	3	99	451	160	446	83
JULY	3,202	178	128	58	368	163	186	3	37	287	305	462	40
AUGUST	3,371	196	150	58	314	120	130	3	50	227	379	494	59
SEPTEMBER	3,187	215	144	57	316	113	97	4	60	175	273	280	28
OCTOBER	3,471	301	140	53	344	124	110	3	93	242	213	265	43
PREV YTD	31,270	1,989	1,448	557	3,530	1,364	1,534	28	876	3,743	2,183	4,410	670
NOVEMBER	3,415	235	130	57	359	133	142	2	61	243	307	274	37
DECEMBER	3,090	241	138	56	327	132	186	2	30	228	280	563	80
PREV TOT	37,775	2,465	1,716	670	4,216	1,629	1,862	32	967	4,214	2,770	5,247	787
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
CURR YTD	34,112	2,791	1,988	562	3,463	2,638	1,323	29	4,198	1,736	3,382	3,352	721
NOVEMBER													
DECEMBER													
PREV MTH	17.8	8.8	-0.3	28.9	14.9	-2.5	69.2	36.4	7.8	-19.5	1.5	-7.0	93.6
PREV/CURR	-3.6	-16.4	45.0	9.4	1.2	54.9	32.3	20.2	339.1	-44.3	35.1	4.8	97.1
YTD CHG	9.1	40.3	37.3	0.9	-1.9	93.4	-13.8	2.1	379.2	-53.6	54.9	-24.0	7.7

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those develop Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenge tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from fa site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tracto category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of partic.,ating companies are reflected in all of the columns with the of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company, The
Bridgestone U.S.A., Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
Firestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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RMA Seventy Five Years 1915-1990 Industry Report

CONFIDENTIAL A8810-1

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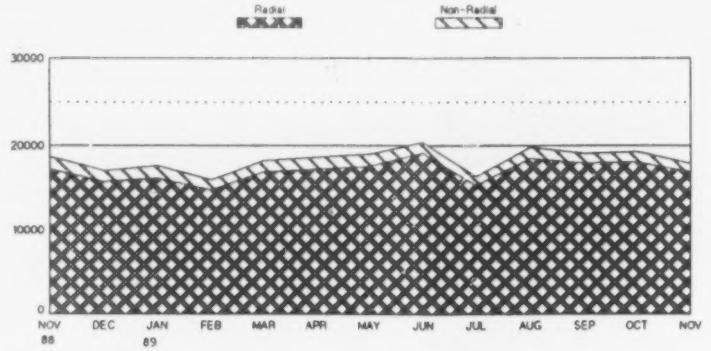
MONTHLY TIRE REPORT

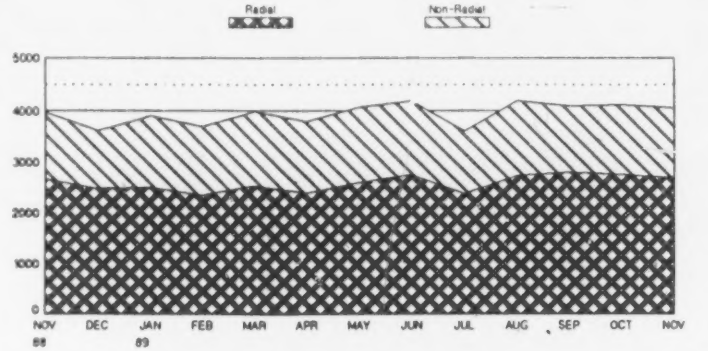
NOVEMBER 1989

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

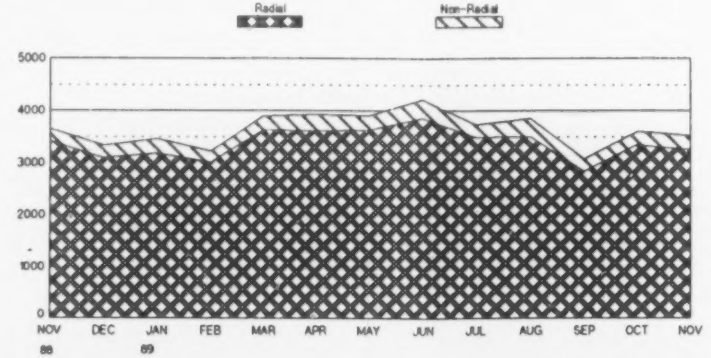
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



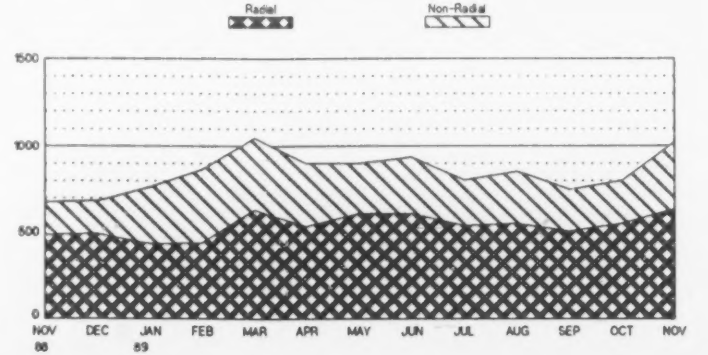
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 01/31/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	4,040	3,428	10,648	9,920	775	672	15,463	14,019	14,386	12,994	29,893	26,835
FEBRUARY	4,335	3,700	10,790	10,083	896	802	16,021	14,584	14,893	13,427	32,239	28,982
MARCH	4,937	4,209	12,746	11,856	954	834	18,637	16,899	15,872	14,311	33,008	29,747
APRIL	4,823	4,096	11,925	11,105	801	671	17,549	15,872	14,618	13,198	33,420	30,277
MAY	5,197	4,415	12,863	11,983	695	621	18,755	17,019	14,438	13,086	32,514	29,515
JUNE	4,940	4,244	14,954	13,958	719	635	20,612	18,837	14,883	13,581	30,617	27,877
JULY	2,965	2,507	12,918	12,113	602	554	16,485	15,174	12,492	11,613	30,258	27,777
AUGUST	4,126	3,531	14,777	13,925	858	785	19,761	18,241	14,860	13,627	29,198	26,820
SEPTEMBER	4,784	4,085	14,097	13,273	781	717	19,662	18,075	14,933	13,703	28,125	25,887
OCTOBER	4,896	4,183	14,432	13,581	849	788	20,178	18,553	15,703	14,411	27,444	25,237
NOVEMBER	4,820	4,153	13,105	12,369	726	658	18,651	17,179	14,149	13,130	26,898	24,907
PREV YTD	49,863	42,552	143,255	134,166	8,655	7,736	201,773	184,453	161,228	147,082	26,898	24,907
DECEMBER	4,268	3,708	12,040	11,413	709	648	17,017	15,769	13,114	12,120	26,618	24,682
PREV TOT	54,131	46,260	155,294	145,579	9,365	8,383	218,790	200,222	174,341	159,202	26,618	24,682
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
CURR YTD	48,153	42,009	142,062	135,317	11,621	10,849	201,836	188,175	162,859	152,576	30,684	29,058
DECEMBER												
PREV MTH	-5.1	-3.9	-6.8	-6.1	-17.5	-19.1	-7.0	-6.4	-11.2	-10.0	-2.1	-1.7
PREV/CURR	-15.1	-13.7	-1.7	0.7	24.8	27.7	-4.1	-1.7	-5.1	-2.2	14.1	16.7
YTD CHG	-3.4	-1.3	-0.8	0.9	34.3	40.2		2.0	1.0	3.7	7.0	10.2

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 01/31/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	673	485	2,413	1,400	246	189	3,332	2,074	2,959	1,770	7,154	4,412
FEBRUARY	730	538	2,454	1,468	267	200	3,451	2,206	3,134	1,879	7,665	4,699
MARCH	822	609	2,994	1,677	355	294	4,171	2,580	3,433	2,060	7,729	4,719
APRIL	783	575	2,576	1,476	292	228	3,651	2,279	3,024	1,875	7,729	4,784
MAY	813	597	2,696	1,576	275	211	3,785	2,384	2,965	1,827	7,645	4,781
JUNE	778	573	3,094	1,785	273	214	4,145	2,573	3,058	1,865	7,359	4,645
JULY	561	406	2,805	1,666	191	149	3,556	2,221	2,530	1,599	7,097	4,542
AUGUST	718	509	3,154	1,865	258	186	4,130	2,560	3,198	2,003	6,866	4,481
SEPTEMBER	772	598	3,021	1,826	283	226	4,076	2,650	3,182	2,020	6,646	4,331
OCTOBER	776	611	3,044	1,864	314	238	4,134	2,713	3,435	2,210	6,630	4,322
NOVEMBER	709	587	2,997	1,873	263	208	3,970	2,669	3,104	2,005	6,536	4,224
PREV YTD	8,135	6,090	31,250	18,477	3,017	2,344	42,403	26,910	34,022	21,112	6,536	4,224
DECEMBER	666	550	2,668	1,730	284	207	3,618	2,487	2,988	1,943	6,573	4,135
PREV TOT	8,801	6,639	33,918	20,207	3,301	2,550	46,021	29,397	37,010	23,055	6,573	4,135
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
CURR YTD	7,662	6,394	32,707	19,636	3,299	2,461	43,668	28,492	35,292	23,756	7,694	5,231
DECEMBER												
PREV MTH	2.6	2.5	-1.8	-2.9	-7.2	-7.7	-1.6	-2.4	-11.8	-10.4	-1.7	-0.6
PREV/CURR	-13.6	-11.5	4.4	4.0	14.4	8.6	1.9	0.9	-6.9	0.3	17.7	23.8
YTD CHG	-5.8	5.0	4.7	6.3	9.4	5.0	3.0	5.9	3.7	12.5	10.8	12.8

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 01/31/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	58	5	215	7	30	1	303	14	275	10	696	15
FEBRUARY	51	3	253	10	26	1	330	14	271	13	669	15
MARCH	66	6	286	12	28	1	380	19	315	15	646	12
APRIL	59	6	261	7	22	1	342	15	305	14	649	12
MAY	63	7	221	6	20	1	304	14	259	12	644	11
JUNE	58	6	215	4	17	1	290	12	274	14	660	14
JULY	53	6	212	4	18	1	284	11	224	11	629	15
AUGUST	66	6	219	4	18	2	303	12	222	13	593	15
SEPTEMBER	77	7	204	4	22	3	303	14	236	14	577	17
OCTOBER	77	7	199	4	20	1	296	13	316	17	594	22
NOVEMBER	70	6	178	7	21	1	269	13	278	16	639	25
PREV YTD	698	65	2,463	69	242	15	3,403	149	2,973	150	639	25
DECEMBER	55	6	199	9	25	2	279	16	300	17	678	26
PREV TOT	753	71	2,662	78	267	17	3,682	166	3,273	168	678	26
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
CURR YTD	827	97	2,499	75	253	14	3,578	186	3,291	195	689	35
DECEMBER												
PREV MTH	-18.1	-14.4	-25.4	9.1	-15.9	-33.2	-22.8	-10.4	-22.5	-6.8	0.4	7.3
PREV/CURR	10.6	52.2	-5.4	-36.9	-18.1	25.0	-2.2	5.3	-11.5	-2.7	7.8	40.4
YTD CHG	18.4	49.3	1.5	8.7	4.4	-6.8	5.1	24.8	10.7	29.7	14.3	67.4

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 01/31/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	569		222	2	20		810	3	725	1	1,635	16
FEBRUARY	583		212	2	20		814	2	762		1,539	15
MARCH	666		173	2	36		874	2	816		1,417	14
APRIL	599		156	1	20		775	2	703	1	1,574	6
MAY	560		160	2	18		738	2	785	1	865	5
JUNE	361		191	2	22		574	2	780		1,051	5
JULY	222		116	1	25		364	1	429		1,101	5
AUGUST	330		149	1	28		508	2	585		1,148	4
SEPTEMBER	359		106	2	25		490	2	603		1,251	5
OCTOBER	428		107	2	19		553	2	639		1,306	5
NOVEMBER	388		90	1	19		497	1	592		1,352	5
PREV YTD	5,064	1	1,682	17	251	1	6,997	20	7,418	4	1,352	5
DECEMBER	475		77	1	13		566	1	490		1,226	5
PREV TOT	5,540	2	1,759	18	264	1	7,563	21	7,908	4	1,226	5
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
CURR YTD	3,875	1	1,974	22	282	5	6,130	28	8,180	5	2,348	7
DECEMBER												
PREV MTH	4.5	26.3	-17.6	-59.3	-9.9	-92.9	-3.3	-70.9	-12.0	-72.6	6.8	7.3
PREV/CURR	-20.2	89.5	37.7	25.4	21.1	3650.0	-8.1	39.7	40.7	20800.0	73.6	48.2
YTD CHG	-23.5	-1.2	17.3	28.3	12.5	279.6	-12.4	43.8	10.3	12 4	2.1	9.2

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 01/31/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1988								
JANUARY	443	324	1,105	825	213	187	212	111
FEBRUARY	481	390	1,063	1,027	242	230	154	151
MARCH	548	562	1,186	1,058	257	266	178	136
APRIL	402	477	1,110	837	266	259	179	129
MAY	519	381	1,107	854	262	262	173	149
JUNE	470	274	1,098	764	279	228	195	145
JULY	468	349	1,146	758	261	167	135	138
AUGUST	481	468	1,290	1,015	297	297	153	165
SEPTEMBER	480	378	1,135	982	262	296	152	151
OCTOBER	531	446	1,252	982	239	278	139	116
NOVEMBER	430	292	1,064	612	190	136	103	87
PREV YTD	5,252	4,339	12,556	9,714	2,767	2,605	1,775	1,476
DECEMBER	305	315	841	710	140	175	78	71
PREV TOT	5,557	4,654	13,396	10,423	2,907	2,780	1,853	1,547
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
CURR YTD	5,180	4,485	11,316	7,019	3,021	2,258	1,789	1,276
DECEMBER								
PREV MTH	-8.1	-10.9	-13.6	-11.5	-29.6	-40.2	-8.7	-16.6
PREV/CURR	5.1	39.2	-8.5	16.6	8.9	8.9	22.0	18.3
YTD CHG	-1.4	3.4	-9.9	-27.7	9.2	-13.3	0.8	-13.5

MONTH: NOVEMBER, 1989

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 01/31/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1988													
JANUARY	2,653	154	129	51	320	138	195	3	80	415	177	428	64
FEBRUARY	2,923	180	125	53	369	117	122	2	79	469	169	483	101
MARCH	3,151	185	168	55	398	188	170	2	181	547	253	491	84
APRIL	3,059	183	159	56	348	128	202	2	70	456	139	616	80
MAY	2,907	194	159	51	354	115	201	3	127	474	115	445	88
JUNE	3,346	203	146	65	399	158	121	3	99	451	160	446	83
JULY	3,202	178	128	58	368	163	186	3	37	287	305	462	40
AUGUST	3,371	196	150	58	314	120	130	3	50	227	379	494	59
SEPTEMBER	3,187	215	144	57	316	113	97	4	60	175	273	280	28
OCTOBER	3,471	301	140	53	344	124	110	3	93	242	213	265	43
NOVEMBER	3,415	235	130	57	359	133	142	2	61	243	307	274	37
PREV YTD	34,685	2,224	1,578	614	3,889	1,497	1,676	30	937	3,986	2,490	4,684	707
DECEMBER	3,090	241	138	56	327	132	186	2	30	228	280	563	80
PREV TOT	37,775	2,465	1,716	670	4,216	1,629	1,862	32	967	4,214	2,770	5,247	787
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
CURR YTD	37,365	3,057	2,249	627	3,835	2,961	1,451	32	4,685	1,880	3,785	3,669	820
DECEMBER													
PREV MTH	-2.8	5.7	28.6	12.1	6.9	68.1	-11.8	5.5	19.2	6.4	40.3	14.4	16.8
PREV/CURR	-4.7	13.2	100.8	14.0	3.6	142.7	-9.6	90.3	697.8	-41.0	31.5	16.0	167.6
YTD CHG	7.7	37.5	42.5	2.1	-1.4	97.8	-13.4	8.0	400.0	-52.8	52.0	-21.7	16.0

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those develop Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenge tires such as racing cr nd dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from fa site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tracto category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company, The
Bridgestone U.S.A., Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
Firestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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RMA Seventy Five Years 1915-1990 **Industry Report** CONFIDENTIAL A 5810-1

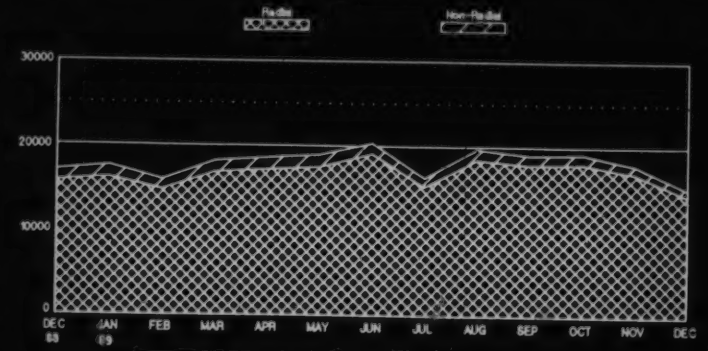
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4800

MONTHLY TIRE REPORT

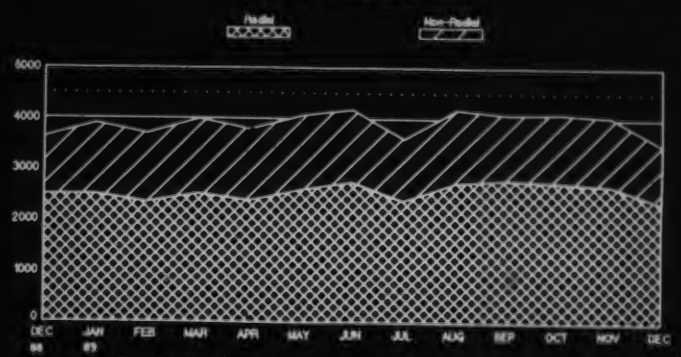
DECEMBER 1989

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

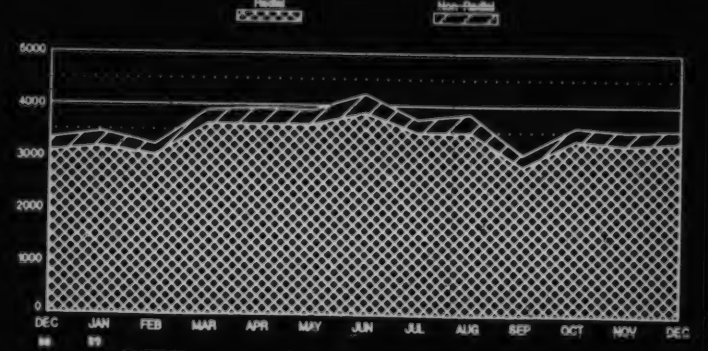
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



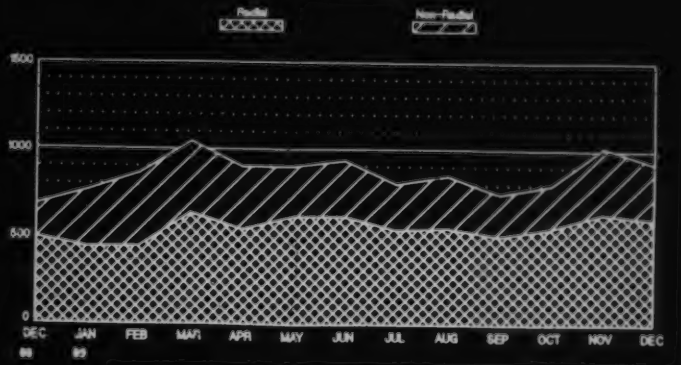
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/02/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	4,040	3,428	10,648	9,920	775	672	15,463	14,019	14,386	12,994	29,893	26,835
FEBRUARY	4,335	3,700	10,790	10,083	896	802	16,021	14,584	14,893	13,427	32,239	28,982
MARCH	4,937	4,209	12,746	11,856	954	834	18,637	16,899	15,872	14,311	33,008	29,747
APRIL	4,823	4,096	11,925	11,105	801	671	17,549	15,872	14,618	13,198	33,420	30,277
MAY	5,197	4,415	12,863	11,983	695	621	18,755	17,019	14,438	13,086	32,514	29,515
JUNE	4,940	4,244	14,954	13,958	719	635	20,612	18,837	14,883	13,581	30,617	27,877
JULY	2,965	2,507	12,918	12,113	602	554	16,485	15,174	12,492	11,613	30,258	27,777
AUGUST	4,126	3,531	14,777	13,925	858	785	19,761	18,241	14,860	13,627	29,198	26,820
SEPTEMBER	4,784	4,085	14,097	13,273	781	717	19,662	18,075	14,933	13,703	28,125	25,887
OCTOBER	4,996	4,183	14,432	13,581	849	788	20,178	18,553	15,703	14,411	27,444	25,237
NOVEMBER	4,820	4,153	13,105	12,369	726	658	18,651	17,179	14,149	13,130	26,898	24,907
DECEMBER	4,268	3,708	12,040	11,413	709	648	17,017	15,769	13,114	12,120	26,618	24,682
PREV YTD	54,131	46,260	155,294	145,579	9,365	8,383	218,790	200,222	174,341	159,202	26,618	24,682
PREV TOT	54,131	46,260	155,294	145,579	9,365	8,383	218,790	200,222	174,341	159,202	26,618	24,682
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
CURR YTD	51,170	44,654	153,281	146,157	12,437	11,617	216,888	202,428	175,026	164,249	31,590	30,044
PREV MTH	-26.3	-26.2	-12.9	-13.0	-9.9	-8.6	-15.8	-15.6	-9.4	-9.1	3.0	3.4
PREV/CURR	-29.3	-28.7	-6.8	-5.0	15.0	18.6	-11.5	-9.6	-7.2	-3.7	18.7	21.7
YTD CHG	-5.5	-3.5	-1.3	0.4	32.8	38.6	-0.9	1.1	0.4	3.2	7.9	11.1

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/02/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	673	485	2,413	1,400	246	189	3,332	2,074	2,959	1,770	7,154	4,412
FEBRUARY	730	538	2,454	1,468	267	200	3,451	2,206	3,134	1,879	7,665	4,699
MARCH	822	609	2,994	1,677	355	294	4,171	2,580	3,433	2,060	7,729	4,719
APRIL	783	575	2,576	1,476	292	228	3,651	2,279	3,024	1,875	7,729	4,784
MAY	813	597	2,696	1,576	275	211	3,785	2,384	2,965	1,827	7,645	4,781
JUNE	778	573	3,094	1,785	273	214	4,145	2,573	3,058	1,865	7,359	4,645
JULY	561	406	2,805	1,666	191	149	3,556	2,221	2,530	1,599	7,097	4,542
AUGUST	718	509	3,154	1,865	258	186	4,130	2,560	3,198	2,003	6,866	4,481
SEPTEMBER	772	598	3,021	1,826	283	226	4,076	2,650	3,182	2,020	6,646	4,331
OCTOBER	776	611	3,044	1,864	314	238	4,134	2,713	3,435	2,210	6,630	4,322
NOVEMBER	709	587	2,997	1,873	263	208	3,970	2,669	3,104	2,005	6,536	4,224
DECEMBER	666	550	2,668	1,730	284	207	3,618	2,487	2,988	1,943	6,573	4,135
PREV YTD	8,801	6,639	33,918	20,207	3,301	2,550	46,021	29,397	37,010	23,055	6,573	4,135
PREV TOT	8,801	6,639	33,918	20,207	3,301	2,550	46,021	29,397	37,010	23,055	6,573	4,135
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
CURR YTD	8,177	6,833	35,436	21,369	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
PREV MTH	-16.0	-15.7	-12.8	-11.0	-17.5	-18.7	-13.6	-12.6	-11.7	-11.1	0.3	1.4
PREV/CURR	-22.7	-20.3	2.3	0.2	-12.5	-11.1	-3.5	-5.3	-14.6	-8.0	17.4	28.3
YTD CHG	-7.1	2.9	4.5	5.8	7.5	3.7	2.5	4.9	2.3	10.8	11.3	14.0

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/02/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	58	5	215	7	30	1	303	14	275	10	696	15
FEBRUARY	51	3	253	10	26	1	330	14	271	13	669	15
MARCH	66	6	286	12	28	1	380	19	315	15	646	12
APRIL	59	6	261	7	22	1	342	15	305	14	649	12
MAY	63	7	221	6	20	1	304	14	259	12	644	11
JUNE	58	6	215	4	17	1	290	12	274	14	660	14
JULY	53	6	212	4	18	1	284	11	224	11	629	15
AUGUST	66	6	219	4	18	2	303	12	222	13	593	15
SEPTEMBER	77	7	204	4	22	3	303	14	236	14	577	17
OCTOBER	77	7	199	4	20	1	296	13	316	17	594	22
NOVEMBER	70	6	178	7	21	1	269	13	278	16	639	25
DECEMBER	55	6	199	9	25	2	279	16	300	17	678	26
PREV YTD	753	71	2,662	78	267	17	3,682	166	3,273	168	678	26
PREV TOT	753	71	2,662	78	267	17	3,682	166	3,273	168	678	26
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	1o	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
CURR YTD	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
PREV MTH	-18.6	-29.8	-1.8	26.0	3.0	49.1	-6.4	-6.9	-2.6	-6.5	2.8	5.7
PREV/CURR	14.9	9.6	-16.7	-37.2	-29.4	-26.5	-11.6	-19.7	-20.1	-15.5	4.4	42.3
YTD CHG	18.1	46.1	0.1	3.6	1.2	-9.2	3.9	20.4	7.9	25.0	13.4	64.2

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/02/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1988												
JANUARY	569		222	2	20		810	3	725	1	1,635	16
FEBRUARY	583		212	2	20		814	2	762		1,539	15
MARCH	666		173	2	36		874	2	816		1,417	14
APRIL	599		156	1	20		775	2	703	1	1,574	6
MAY	560		160	2	18		738	2	785	1	865	5
JUNE	361		191	2	22		574	2	780		1,051	5
JULY	222		116	1	25		364	1	429		1,101	5
AUGUST	330		149	1	28		508	2	585		1,148	4
SEPTEMBER	359		106	2	25		490	2	603		1,251	5
OCTOBER	428		107	2	19		553	2	639		1,306	5
NOVEMBER	388		90	1	19		497	1	592		1,352	5
DECEMBER	475		77	1	13		566	1	490		1,226	5
PREV YTD	5,540	2	1,759	18	264	1	7,563	21	7,908	4	1,226	5
PREV TOT	5,540	2	1,759	18	264	1	7,563	21	7,908	4	1,226	5
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
DECEMBER	367		104	1	22		493	2	690		2,345	7
CURR YTD	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
PREV MTH	18.4	86.1	-16.3	-11.9	-3.2	0.7	7.8	-6.6	-17.2	-100.0	-0.1	1.5
PREV/CURR	-22.9	-47.7	35.6	10.0	65.4	556.5	-12.9	8.4	40.7	-100.0	91.3	51.8
YTD CHG	-23.4	-8.1	18.1	27.1	15.2	284.1	-12.4	41.4	12.2	12.3	9.2	11.4

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/02/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1988								
JANUARY	443	324	1,105	825	213	187	212	111
FEBRUARY	481	390	1,063	1,027	242	230	154	151
MARCH	548	562	1,186	1,058	257	266	178	136
APRIL	402	477	1,110	837	266	259	179	129
MAY	519	381	1,107	854	262	262	173	149
JUNE	470	274	1,098	764	279	228	195	145
JULY	468	349	1,146	758	261	167	135	138
AUGUST	481	468	1,290	1,015	297	297	153	165
SEPTEMBER	480	378	1,135	982	262	296	152	151
OCTOBER	531	446	1,252	982	239	278	139	116
NOVEMBER	430	292	1,064	612	190	136	103	87
DECEMBER	305	315	841	710	140	175	78	71
PREV YTD	5,557	4,654	13,396	10,423	2,907	2,780	1,853	1,547
PREV TOT	5,557	4,654	13,396	10,423	2,907	2,780	1,853	1,547
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
CURR YTD	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
PREV MTH	-38.2	-30.1	-31.6	-20.7	-38.5	18.4	-42.5	-27.6
PREV/CURR	-8.4	-9.8	-20.8	-20.2	-9.3	0.6	-7.0	4.6
YTD CHG	-1.8	2.5	-10.6	-27.2	8.3	-12.4	0.5	-12.7

MONTH: DECEMBER, 1989

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 03/02/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQU.*	PASS. TUBES	TRUCK AND BUS TUBES	TIRE MSPF TUBES	FARM TUBES
1988													
JANUARY	2,653	154	129	51	320	138	195	3	80	415	177	428	64
FEBRUARY	2,923	180	125	53	369	117	122	2	79	469	169	483	101
MARCH	3,151	185	168	55	398	188	170	2	181	547	253	491	84
APRIL	3,059	183	159	56	348	128	202	2	70	456	139	616	80
MAY	2,907	194	159	51	354	115	201	3	127	474	115	445	80
JUNE	3,346	203	146	65	399	158	121	3	99	451	160	446	83
JULY	3,202	178	128	58	368	163	186	3	37	287	305	462	40
AUGUST	3,371	196	150	58	314	120	130	3	50	227	379	494	59
SEPTEMBER	3,187	215	144	57	316	113	97	4	60	175	273	280	28
OCTOBER	3,471	301	140	53	344	124	110	3	93	242	213	265	43
NOVEMBER	3,415	235	130	57	359	133	142	2	61	243	307	274	37
DECEMBER	3,090	241	138	56	327	132	186	2	30	228	280	563	80
PREV YTD	37,775	2,465	1,716	670	4,216	1,629	1,862	32	967	4,214	2,770	5,247	787
PREV TOT	37,775	2,465	1,716	670	4,216	1,629	1,862	32	967	4,214	2,770	5,247	787
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,326	234	247	37	359	285	105	3	440	119	317	426	160
CURR YTD	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
PREV MTH	2.2	-11.9	-5.4	-43.5	-3.5	-11.8	-18.2	-32.6	-9.6	-17.0	-21.5	34.1	61.7
PREV/CURR	7.6	-2.8	78.8	-34.5	9.8	115.6	-43.6	28.3	1366.2	-47.8	13.2	-24.3	100.1
YTD CHG	7.7	33.5	45.4	-1.0	-0.5	99.2	-16.4	9.3	429.9	-52.6	48.1	-21.9	24.6

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those develop Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenge tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from fa site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tracto category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company, The
Bridgestone U.S.A., Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
Firestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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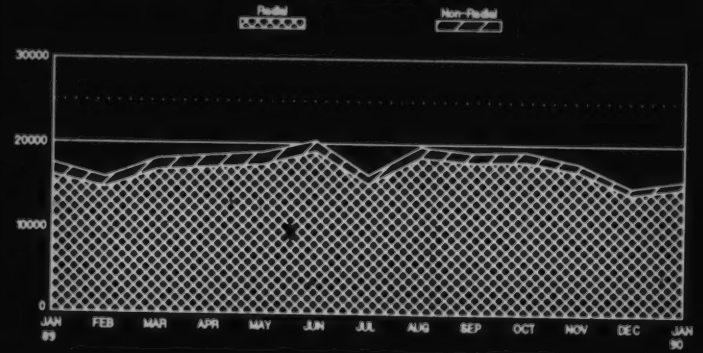
questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C
Telephone: (202) 682-4860.

MONTHLY TIRE REPORT

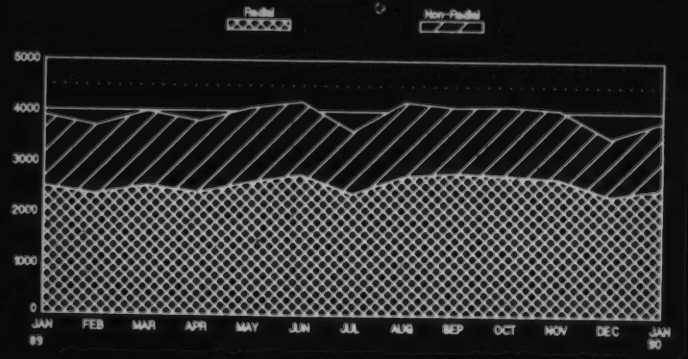
JANUARY 1990

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

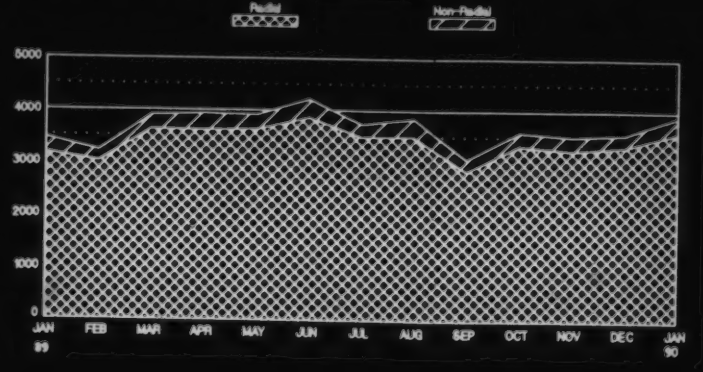
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



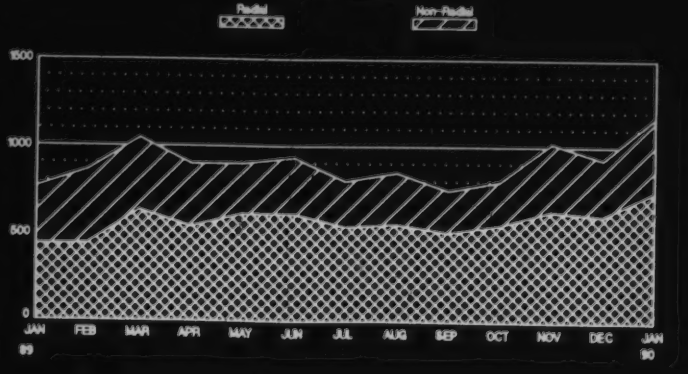
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/29/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
PREV YTD	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
PREV TOT	51,170	44,654	153,281	146,157	12,437	11,617	216,888	202,428	175,026	164,249	31,590	30,044
1990												
JANUARY	2,878	2,503	11,992	11,552	1,071	1,024	15,941	15,078	15,516	14,937	35,281	33,676
CURR YTD	2,878	2,503	11,992	11,552	1,071	1,024	15,941	15,078	15,516	14,937	35,281	33,676
FEBRUARY												
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-4.6	-5.4	6.9	6.6	31.2	33.3	5.9	5.8	27.5	28.0	11.7	12.1
PREV/CURR	-39.3	-39.3	2.1	4.6	-1.4	3.9	-9.3	-6.7		4.0	24.2	27.7
YTD CHG	-39.3	-39.3	2.1	4.6	-1.4	3.9	-9.3	-6.7		4.0	24.2	27.7

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/29/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
PREV YTD	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
PREV TOT	8,177	6,833	35,436	21,3[illegible]	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
1990												
JANUARY	548	471	2,986	1,811	289	222	3,822	2,504	3,371	2,351	8,284	5,773
CURR YTD	548	471	2,986	1,811	289	222	3,822	2,504	3,371	2,351	8,284	5,773
FEBRUARY												
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	6.4	7.6	9.4	4.5	16.2	20.4	9.4	6.3	32.1	31.5	7.3	8.8
PREV/CURR	-26.5	-23.3	5.3	9.[illegible]	-9.5	-8.4	-2.0		-1.7	5.0	22.0	38.1
YTD CHG	-26.5	-23.3	5.3	9.9	-9.5	-8.4	-2.0		-1.7	5.0	22.0	38.1

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/29/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
PREV YTD	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
PREV TOT	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
1990												
JANUARY	89	8	281	13	26	2	396	23	334	17	713	31
CURR YTD	89	8	281	13	26	2	396	23	334	17	713	31
FEBRUARY												
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	41.0	35.6	69.9	131.5	44.6	-5.0	60.7	70.2	39.4	18.4	0.7	-14.4
PREV/CURR	6.2	0.7	-7.6	-26.3	6.5	112.4	-4.0	-13.9	-8.3	-17.3	3.5	52.2
YTD CHG	6.2	0.7	-7.6	-26.3	6.5	112.4	-4.0	-13.9	-8.3	-17.3	3.5	52.2

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/29/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
PREV YTD	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
DECEMBER	367		104	1	22		493	2	690		2,345	7
PREV TOT	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
1990												
JANUARY	617		352	1	30		999	1	1,008		2,211	3
CURR YTD	617		352	1	30		999	1	1,008		2,211	3
FEBRUARY												
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	68.3	92.5	237.9	-39.3	34.5	15.2	102.6	-22.6	46.0	100.0	-5.7	-56.8
PREV/CURR	44.6	-14.0	14.8	-58.4	14.6	72.3	31.5	-46.6	50.7	-99.9	109.8	-44.4
YTD CHG	44.6	-14.0	14.8	-58.4	14.6	72.3	31.5	-46.6	50.7	-99.9	109.8	-44.4

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 03/29/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1989								
JANUARY	471	199	1,204	501	297	137	224	70
PREV YTD	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
PREV TOT	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
1990								
JANUARY	498	406	1,016	804	282	265	197	131
CURR YTD	498	406	1,016	804	282	265	197	131
FEBRUARY								
MARCH								
APRIL								
MAY								
JUNE								
JULY								
AUGUST								
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	78.5	43.2	52.6	41.9	121.7	50.6	171.4	76.7
PREV/CURR	5.7	104.0	-15.6	60.6	-5.0	93.7	-12.5	88.3
YTD CHG	5.7	104.0	-15.6	60.6	-5.0	93.7	-12.5	88.3

MONTH: JANUARY, 1990

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 03/29/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
PREV YTD	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,326	234	247	37	359	285	105	3	440	119	317	426	160
PREV TOT	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
1990													
JANUARY	3,604	306	317	36	430	390	126	2	655	186	420	475	136
CURR YTD	3,604	306	317	36	430	390	126	2	655	186	420	475	136
FEBRUARY													
MARCH													
APRIL													
MAY													
JUNE													
JULY													
AUGUST													
SEPTEMBER													
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	8.4	30.7	28.6	-0.6	19.9	37.0	20.0	-9.2	49.0	55.8	32.4	11.4	-14.8
PREV/CURR	13.5	6.4	83.9	-40.5	62.9	45.3	-14.5	26.2	89.2	15.5	40.8	40.3	240.9
YTD CHG	13.5	6.4	83.9	-40.5	62.9	45.3	-14.5	26.2	89.2	15.5	40.8	40.3	240.9

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those develop Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenge tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from fa site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tracto category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company, The
Bridgestone U.S.A., Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
irestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C
Telephone: (202) 682-4860.

RMA Seventy Five Years 1915-1990 **Industry Report**

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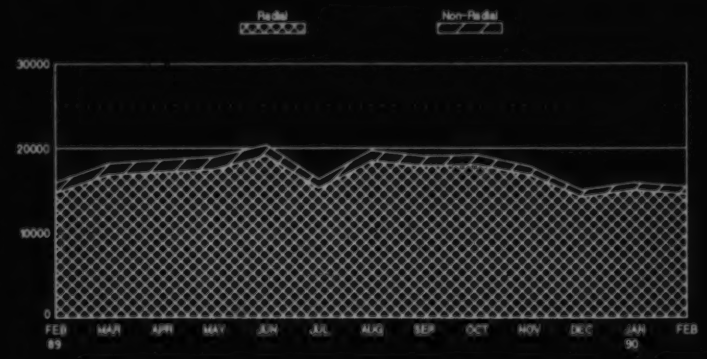
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4800

MONTHLY TIRE REPORT

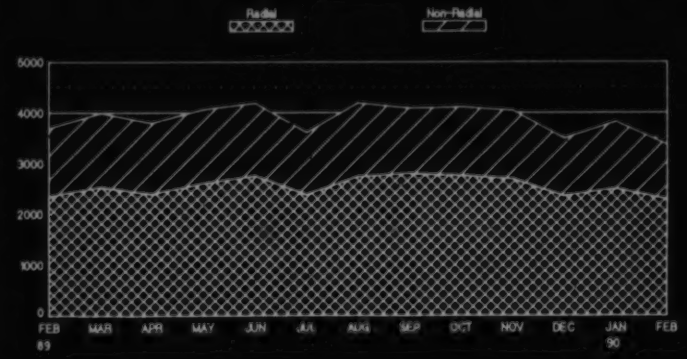
FEBRUARY 1990

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

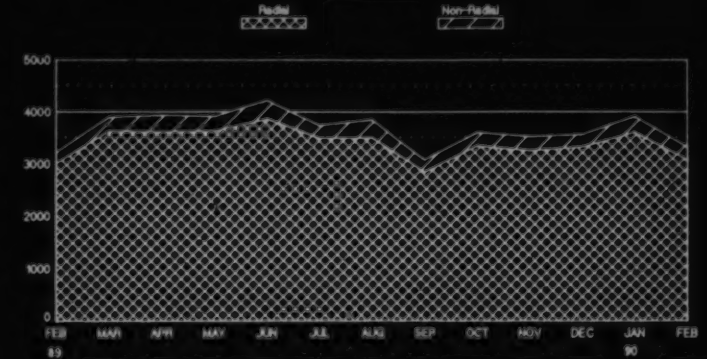
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



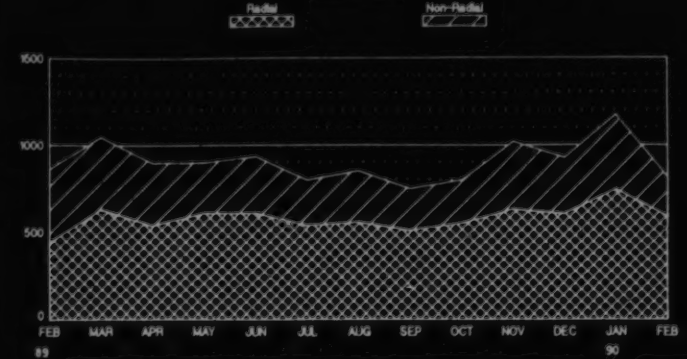
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
PREV YTD	9,300	8,109	22,018	20,784	2,166	1,990	33,484	30,883	30,353	28,118	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
PREV TOT	51,170	44,654	153,281	146,157	12,437	11,617	216,888	202,428	175,026	164,249	31,590	30,044
1990												
JANUARY	2,878	2,503	11,992	11,552	1,071	1,024	15,941	15,078	15,516	14,937	35,281	33,676
FEBRUARY	3,876	3,402	10,536	10,160	1,045	996	15,457	14,558	14,033	13,436	37,318	35,767
CURR YTD	6,753	5,904	22,528	21,712	2,116	2,020	31,397	29,636	29,549	28,373	37,318	35,767
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	34.7	35.9	-12.1	-12.0	-2.4	-2.7	-3.0	-3.5	-9.6	-10.1	5.8	6.2
PREV/CURR	-15.0	-14.6	2.5	4.3	-3.2	-0.8	-2.9	-1.2	-5.4	-2.3	21.8	25.4
YTD CHG	-27.4	27.2	2.3	4.5	-2.3	1.5	-6.2	-4.0	-2.6	0.9	23.0	26.5

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
PREV YTD	1,534	1,268	5,444	3,126	616	464	7,595	4,858	6,693	4,375	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
PREV TOT	8,177	6,833	35,436	21,369	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
1990												
JANUARY	548	471	2,986	1,811	289	222	3,822	2,504	3,371	2,351	8,284	5,773
FEBRUARY	617	532	2,448	1,519	309	242	3,374	2,294	3,147	2,190	8,888	6,268
CURR YTD	1,165	1,004	5,434	3,330	597	464	7,196	4,798	6,518	4,541	8,888	6,268
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	12.7	12.9	-18.0	-16.1	6.9	9.4	-11.7	-8.4	-6.7	-6.9	7.3	8.6
PREV/CURR	-21.8	-18.6	-6.1	2.8	3.8	9.2	-8.7	-2.5	-3.6	2.5	22.8	41.8
YTD CHG	-24.1	-20.9	-0.2	6.6	-3.1		-5.2	-1.2	-2.6	3.8	22.4	40.0

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
PREV YTD	158	16	549	28	51	1	758	45	719	41	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	778	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
PREV TOT	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
1990												
JANUARY	89	8	281	13	26	2	396	23	334	17	713	31
FEBRUARY	81	9	220	7	32	2	332	18	276	17	677	31
CURR YTD	170	17	501	20	57	3	728	40	610	34	677	31
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-9.1	2.5	-22.0	-43.0	23.0	17.6	-16.2	-22.0	-17.5	-2.9	-5.0	-2.4
PREV/CURR	8.4	19.8	-10.1	-34.8	19.6	133.0	-3.8	-7.3	-22.2	-13.8	-7.7	47.0
YTD CHG	7.2	9.6	-8.7	-29.6	13.4	123.1	-3.9	-11.1	-15.2	-15.6	-2.3	49.6

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
PREV YTD	859		498	3	62	1	1,419	4	1,337	2	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
DECEMBER	367		104	1	22		493	2	690		2,345	7
PREV TOT	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
1990												
JANUARY	617		352	1	30		999	1	1,008		2,211	3
FEBRUARY	598		241	1	38		877	1	957		2,185	3
CURR YTD	1,215		592	1	68		1,876	2	1,965		2,185	3
MARCH												
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-3.0	-88.4	-31.6	-34.9	27.9	-88.5	-12.2	-54.2	-5.0	-100.0	-1.2	11.8
PREV/CURR	38.4	-68.4	25.4	-64.2	5.8	-96.5	32.8	-73.3	43.2	-100.0	120.1	-51.4
YTD CHG	41.5	-27.1	18.8	-60.9	9.5	-71.1	32.1	-59.4	47.0	-100.0	114.8	-48.3

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 04/26/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
PREV YTD	843	973	2,091	961	504	256	350	179
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
PREV TOT	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
1990								
JANUARY	498	406	1,016	804	282	265	197	131
FEBRUARY	406	370	850	693	246	239	158	138
CURR YTD	904	776	1,867	1,497	528	503	354	269
MARCH								
APRIL								
MAY								
JUNE								
JULY								
AUGUST								
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	-18.6	-8.9	-16.4	-13.8	-13.0	-9.9	-19.7	5.2
PREV/CURR	9.2	-52.2	-4.1	50.6	18.6	100.8	25.8	26.3
YTD CHG	7.3	-20.2	-10.7	55.8	4.7	97.0	1.3	50.5

MONTH: FEBRUARY, 1990

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 04/26/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	363	169	3	402	177	412	501	60
PREV YTD	6,187	495	348	120	555	634	317	5	749	338	711	840	100
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,326	234	247	37	359	285	105	3	440	119	317	426	160
PREV TOT	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
1990													
JANUARY	3,604	306	317	36	430	390	126	2	655	186	420	475	136
FEBRUARY	3,074	251	271	27	319	200	108	3	590	142	302	387	65
CURR YTD	6,678	557	589	63	750	590	234	6	1,246	328	722	862	201
MARCH													
APRIL													
MAY													
JUNE													
JULY													
AUGUST													
SEPTEMBER													
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	-14.7	-18.0	-14.5	-26.0	-25.8	-48.7	-14.5	36.5	-9.9	-23.3	-28.0	-18.4	-52.4
PREV/CURR	2.0	21.1	54.8	-54.1	9.7	-45.2	-36.4	-0.5	46.8	-19.7	-26.7	-22.7	7.6
YTD CHG	7.9	12.6	69.2	-47.1	35.0	-6.9	-26.2	9.3	66.4	-2.9	1.6	2.7	100.7

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND TUBE REPORT (MTR)

The procedures used by the Management Information Services (MIS) of RMA to compile the MTR is reviewed annually by the Tire Statistical Committee. The Tire Statistical Committee members represent companies, both domestic and foreign, that participate in the monthly submission of tire and tube data to RMA. The categories selected for presentation in the MTR are based upon those developed by the Tire Statistical Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

DESCRIPTIONS FOR THE CATEGORIES USED IN THIS REPORT:

PASSENGER TIRES: All sizes and types of tires designed for standard highway passenger car service. Off-highway passenger tires (i.e., racing car, dune buggy, etc.) are also included in this category.

TRUCK & BUS TIRES: All sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

TRACTOR IMPLEMENT TIRES: Included are steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: All tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractor. Categories include swamp buggy, terra, snowmobile, mini-bike, and go-kart tires.

INNER T[illegible]: All inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

MOBILE HOME TIRES: This report does not contain data for mobile home tires.

SOLID TIRES: This report does not contain data for solid tires.

DESCRIPTIONS FOR THE VARIOUS COLUMN HEADINGS USES IN THIS REPORT:

ORIGINAL EQUIPMENT: Shipments to original equipment vehicle manufacturers.

REPLACEMENT: Shipments destined for the domestic replacement market.

EXPORT: Shipments to points outside of the United States as reported by the participants. As such, the export figure will differ from the figure released by the U.S. Government.

PRODUCTION: Units produced in domestic factories for the reporting period.

INVENTORY: Stocks as of the last day of the reporting period.

IMPORTS: Import data is from the Bureau of Census Report IM-145. The import data is broken out by the ten digit Harmonized number and reflects imports into the U.S. Customs territories. Data for imports are shown separately on this report. Imports reported by participating companies are reflected in the overall report.

PARTICIPANTS IN THIS REPORT:

Bridgestone/Firestone, Inc.
Carlisle Tire & Rubber Co.
Continental Tire Corp.
Cooper Tire & Rubber Co.
Cupples Company Manufacturers
Denman Tire Corp.
DICO Tire, Inc.
Dunlop Tire Corp.
Fidelity Tire Manufacturing Co.
General Tire
Goodyear Tire & Rubber Co., The
Hankook Tire America Corp.
Kelly-Springfield Tire Co.
McCreary Tire & Rubber Co.
Michelin Tire Corp.
Mohawk Rubber Co.
Pirelli Armstrong Tire Corp.
Robbins Tire & Rubber Co., Inc.
Sumitomo Tire
Toyo Tire (USA) Corp.
Uniroyal Goodrich Tire Co., The
Yokohama Tire Corp.

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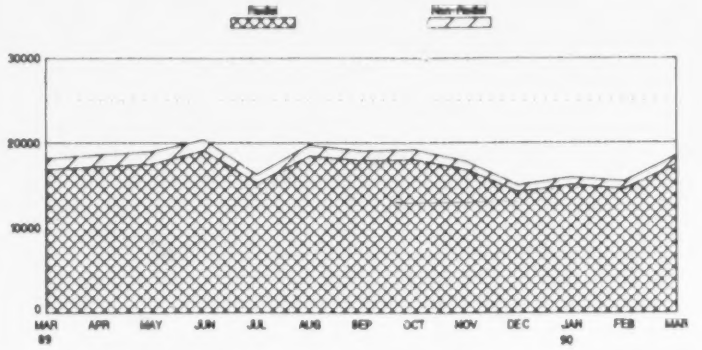
Any questions regarding items on this report should be directed to the Management Information Services of RMA; 1400 K. Street, N.W., Suite 900, Washington, D.C., telephone: 202-682-4860, fax 202-682-4870.

MONTHLY TIRE REPORT

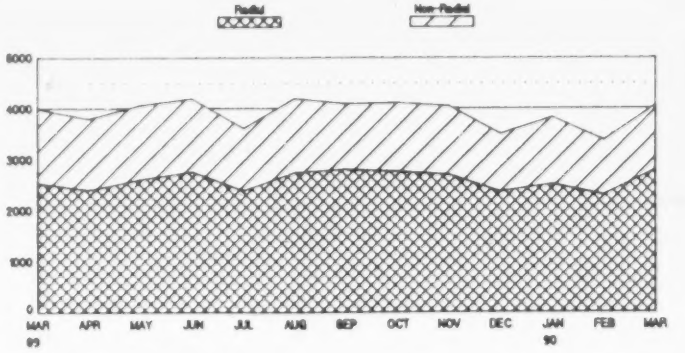
MARCH 1990

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

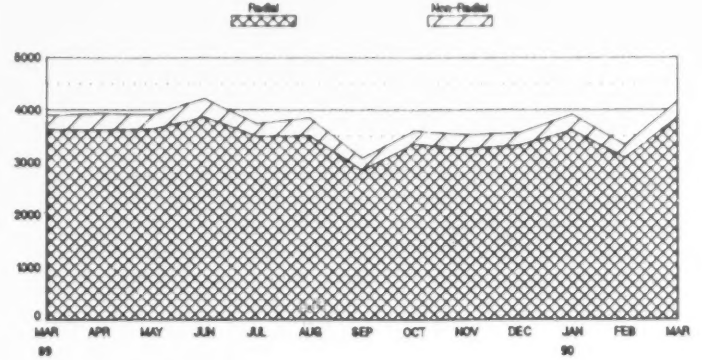
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



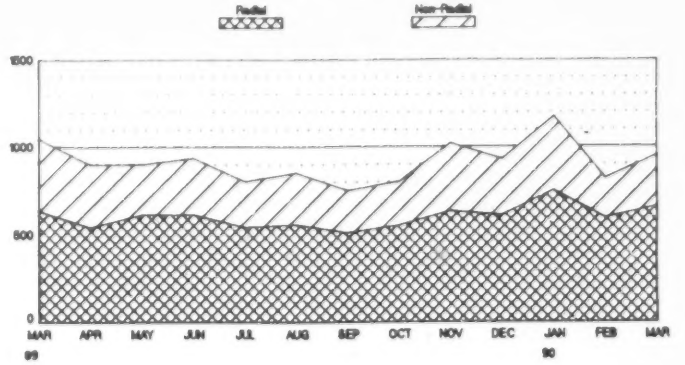
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 06/08/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
PREV YTD	14,097	12,286	34,128	32,294	3,435	3,163	51,661	47,742	46,431	43,017	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
PREV TOT	51,170	44,654	153,281	146,157	12,437	11,617	216,888	202,428	175,026	164,249	31,590	30,044
1990												
JANUARY	2,878	2,503	11,992	11,552	1,071	1,024	15,941	15,078	15,516	14,937	35,281	33,676
FEBRUARY	3,876	3,402	10,536	10,160	1,045	996	15,457	14,558	14,033	13,436	37,318	35,767
MARCH	4,623	4,049	12,717	12,324	1,144	1,072	18,484	17,446	15,876	15,286	38,890	37,475
CURR YTD	11,376	9,954	35,245	34,036	3,260	3,092	49,881	47,082	45,425	43,659	38,890	37,475
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	19.3	19.0	20.7	21.3	9.5	7.7	19.6	19.8	13.1	13.8	4.2	4.8
PREV/CURR	-3.6	-3.0	5.0	7.1	-9.8	-8.6	1.7	3.5	-1.3	2.6	19.1	23.2
YTD CHG	-19.3	-19.0	3.3	5.4	-5.1	-2.2	-3.4	-1.4	-2.2	1.5	21.6	25.3

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 06/08/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
PREV YTD	2,305	1,907	8,342	4,781	935	702	11,583	7,390	10,285	6,714	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
PREV TOT	8,177	6,833	35,436	21,369	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
1990												
JANUARY	548	471	2,986	1,811	289	222	3,822	2,504	3,371	2,351	8,284	5,773
FEBRUARY	617	532	2,448	1,519	309	242	3,374	2,294	3,147	2,190	8,888	6,268
MARCH	689	591	3,018	1,906	349	284	4,055	2,782	3,421	2,463	9,194	6,618
CURR YTD	1,853	1,595	8,452	5,237	946	748	11,252	7,530	9,939	7,004	9,194	6,618
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	11.6	11.1	23.3	25.5	12.9	17.4	20.2	21.3	8.7	12.5	3.4	5.6
PREV/CURR	-10.7	-7.4	4.1	15.2	9.3	19.2	1.7	9.9	-4.8	5.3	16.4	36.5
YTD CHG	-19.6	-16.3	1.3	9.5	1.1	6.5	-2.9	2.6	-3.4	4.3	20.2	38.8

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 06/08/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
PREV YTD	249	24	788	37	80	3	1,117	64	1,032	60	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
PREV TOT	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
1990												
JANUARY	89	8	281	13	26	2	396	23	334	17	713	31
FEBRUARY	81	9	220	7	32	2	332	18	276	17	677	31
MARCH	85	9	246	10	34	3	365	21	314	19	639	29
CURR YTD	255	26	747	29	91	6	1,093	61	924	54	639	29
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	5.0	3.9	12.0	33.1	7.0	52.5	9.8	20.7	14.1	14.4	-5.6	-6.5
PREV/CURR	-6.2	8.9	2.7	2.6	16.5	69.3	1.6	10.9	0.4	-0.6	-10.1	33.3
YTD CHG	2.4	9.3	-5.3	-21.6	14.5	95.1	-2.1	-4.6	-10.4	-10.8	-4.9	44.0

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 06/08/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
PREV YTD	1,383		670	5	84	1	2,137	6	2,065	3	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
DECEMBER	367		104	1	22		493	2	690		2,345	7
PREV TOT	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
1990												
JANUARY	617		352	1	30		999	1	1,008		2,211	3
FEBRUARY	598		241	1	38		877	1	957		2,185	3
MARCH	817		254	1	38		1,109	1	1,100		2,033	3
CURR YTD	2,032		846	2	106		2,985	3	3,065		2,033	3
APRIL												
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	36.6	33.3	5.6	52.5	0.5	425.0	26.5	65.0	14.9		-6.9	-16.8
PREV/CURR	55.8	-33.3	47.8	-39.6	76.1	950.0	54.5	-31.9	51.0	-100.0	133.5	-72.5
YTD CHG	46.9	-27.9	26.3	-54.9	26.8	-56.2	39.7	-52.9	48.4	-100.0	120.4	-59.2

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 06/08/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
PREV YTD	1,268	1,315	3,078	1,743	752	454	517	305
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
PREV TOT	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
1990								
JANUARY	498	406	1,016	804	282	265	197	131
FEBRUARY	406	370	850	693	246	239	158	138
MARCH	466	411	983	733	277	258	166	164
CURR YTD	1,370	1,188	2,850	2,230	805	761	520	433
APRIL								
MAY								
JUNE								
JULY								
AUGUST								
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	14.9	11.1	15.7	5.8	12.9	8.2	5.1	18.6
PREV/CURR	9.7	20.1	-0.3	-6.2	12.0	29.8	-0.6	30.5
YTD CHG	8.1	-9.7	-7.4	28.0	7.1	67.6	0.7	42.2

MONTH: MARCH, 1990

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 06/08/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
PREV YTD	9,815	762	584	168	952	1,000	446	7	1,151	506	1,090	1,178	167
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,[illegible]6	234	247	37	359	285	105	3	440	119	317	426	160
PREV TOT	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
1990													
JANUARY	3,604	306	317	36	430	390	126	2	655	186	420	475	136
FEBRUARY	3,074	251	271	27	319	200	108	3	590	142	302	387	65
MARCH	3,844	311	309	20	349	270	132	4	498	187	362	461	109
CURR YTD	10,522	868	897	83	1,098	860	365	9	1,744	515	1,084	1,323	310
APRIL													
MAY													
JUNE													
JULY													
AUGUST													
SEPTEMBER													
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	25.1	24.0	13.7	-26.2	9.3	35.0	22.2	12.7	-15.6	31.6	19.7	19.0	67.5
PREV/CURR	5.9	16.4	30.8	-58.2	-12.1	-26.4	1.6	72.9	23.9	11.6	-4.7	36.1	63.7
YTD CHG	7.2	13.9	53.7	-50.3	15.4	-14.0	-18.2	27.8	51.6	1.9	-0.6	12.3	86.0

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting proceoures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND TUBE REPORT (MTR)

The procedures used by the Management Information Services (MIS) of RMA to compile the MTR is reviewed annually by the Tire Statistical Committee. The Tire Statistical Committee members represent companies, both domestic and foreign, that participate in the monthly submission of tire and tube data to RMA. The categories selected for presentation in the MTR are based upon those developed by the Tire Statistical Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

DESCRIPTIONS FOR THE CATEGORIES USED IN THIS REPORT:

PASSENGER TIRES: All sizes and types of tires designed for standard highway passenger car service. Off-highway passenger tires (i.e., racing car, dune buggy, etc.) are also included in this category.

TRUCK & BUS TIRES: All sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

TRACTOR IMPLEMENT TIRES: Included are steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: All tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractor. Categories include swamp buggy, terra, snowmobile, mini-bike, and go-kart tires.

INNER TUBES: All inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

MOBILE HOME TIRES: This report does not contain data for mobile home tires.

SOLID TIRES: This report does not contain data for solid tires.

DESCRIPTIONS FOR THE VARIOUS COLUMN HEADINGS USES IN THIS REPORT:

ORIGINAL EQUIPMENT: Shipments to original equipment vehicle manufacturers.

REPLACEMENT: Shipments destined for the domestic replacement market.

EXPORT: Shipments to points outside of the United States as reported by the participants. As such, the export figure will differ from the figure released by the U.S. Government.

PRODUCTION: Units produced in domestic factories for the reporting period.

INVENTORY: Stocks as of the last day of the reporting period.

IMPORTS: Import data is from the Bureau of Census Report IM-145. The import data is broken out by the ten digit Harmonized number and reflects imports into the U.S. Customs territories. Data for imports are shown separately on this report. Imports reported by participating companies are reflected in the overall report.

PARTICIPANTS IN THIS REPORT:

Bridgestone/Firestone, Inc.
Carlisle Tire & Rubber Co.
Continental Tire Corp.
Cooper Tire & Rubber Co.
Cupples Company Manufacturers
Denman Tire Corp.
DICO Tire, Inc.
Dunlop Tire Corp.
Fidelity Tire Manufacturing Co.
General Tire
Goodyear Tire & Rubber Co., The
Hankook Tire America Corp.
Kelly-Springfield Tire Co.
McCreary Tire & Rubber Co.
Michelin Tire Corp.
Mohawk Rubber Co.
Pirelli Armstrong Tire Corp.
Robbins Tire & Rubber Co., Inc.
Sumitomo Tire
Toyo Tire (USA) Corp.
Uniroyal Goodrich Tire Co., The
Yokohama Tire Corp.

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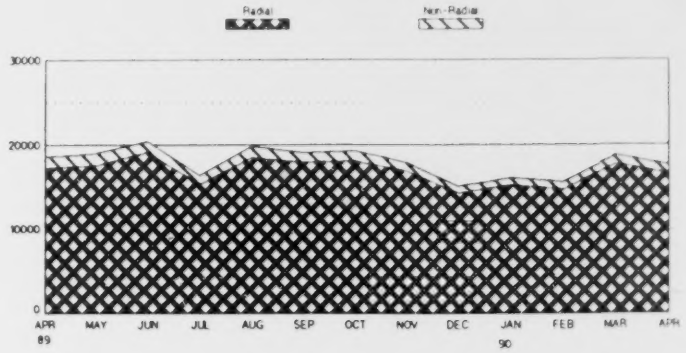
Any questions regarding items on this report should be directed to the Management Information Services of RMA; 1400 K. Street, N.W., Suite 900, Washington, D.C., telephone: 202-682-4860, fax 202-682-4870.

MONTHLY TIRE REPORT

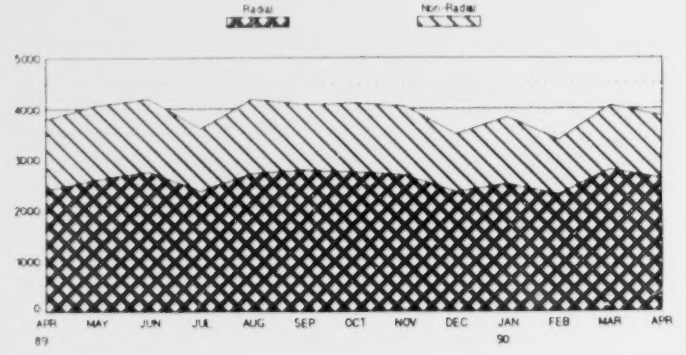
APRIL 1990

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

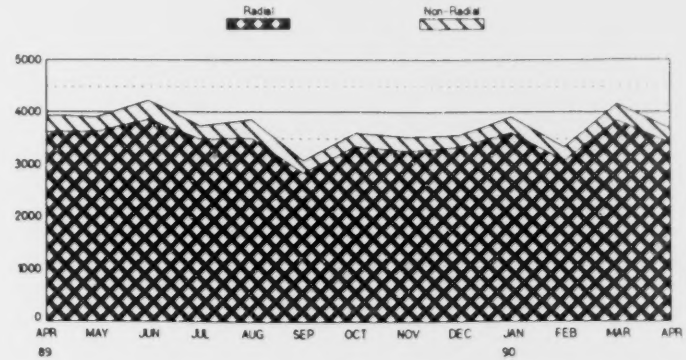
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



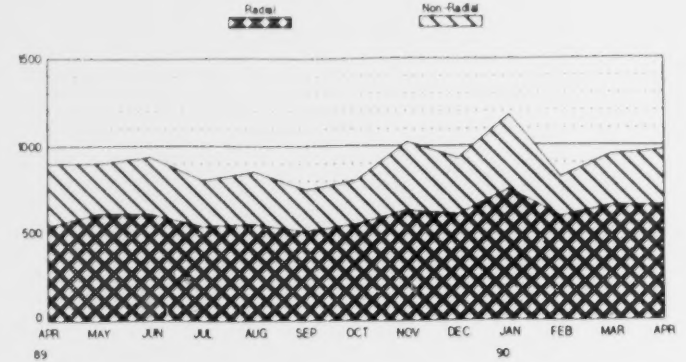
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 07/17/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
PREV YTD	19,097	16,675	46,631	44,117	4,511	4,163	70,240	64,954	62,255	57,792	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
PREV TOT	51,170	44,654	153,281	146,157	12,437	11,617	216,888	202,428	175,026	164,249	31,590	30,044
1990												
JANUARY	2,941	2,566	11,995	11,555	1,085	1,038	16,022	15,160	15,640	15,062	35,578	33,973
FEBRUARY	3,937	3,462	10,578	10,202	1,063	1,014	15,577	14,678	14,220	13,622	37,642	36,091
MARCH	4,693	4,119	12,850	12,457	1,155	1,083	18,697	17,659	16,097	15,506	39,222	37,807
APRIL	4,148	3,649	12,226	11,785	1,153	1,104	17,527	16,538	14,741	14,107	40,352	39,032
CURR YTD	15,718	13,796	47,648	45,999	4,456	4,239	67,822	64,034	60,697	58,297	40,352	39,032
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-11.6	-11.4	-4.9	-5.4	-0.1	1.9	-6.3	-6.3	-8.4	-9.0	2.9	3.2
PREV/CURR	-17.0	-16.9	-2.2	-0.3	7.1	10.3	-5.7	-3.9	-6.8	-4.5	17.6	21.6
YTD CHG	-17.7	-17.3	2.2	4.3	-1.2	1.8	-3.4	-1.4	-2.5	0.9	21.3	25.1

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 07/17/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
PREV YTD	3,075	2,538	11,061	6,308	1,243	940	15,379	9,786	13,686	8,929	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
PREV TOT	8,177	6,833	35,436	21,369	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
1990												
JANUARY	548	471	2,989	1,814	289	222	3,826	2,508	3,377	2,356	8,310	5,797
FEBRUARY	617	532	2,452	1,523	309	243	3,378	2,297	3,156	2,198	8,919	6,297
MARCH	689	591	3,022	1,910	349	285	4,059	2,786	3,425	2,467	9,224	6,646
APRIL	632	535	2,916	1,826	300	251	3,847	2,612	2,939	2,133	9,251	6,804
CURR YTD	2,486	2,130	11,378	7,073	1,247	1,000	15,110	10,203	12,897	9,154	9,251	6,804
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-8.3	-9.6	-3.5	-4.4	-13.9	-11.8	-5.2	-6.2	-14.2	-13.5	0.3	2.4
PREV/CURR	-18.0	-15.2	7.3	19.6	-2.4	5.9	1.4	9.0	-13.6	-3.7	9.2	30.5
YTD CHG	-19.2	-16.1	2.9	12.1	0.3	6.4	-1.7	4.3	-5.8	2.5	17.4	36.9

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 07/17/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
PREV YTD	324	33	1,012	47	106	5	1,441	84	1,352	79	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
PREV TOT	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
1990												
JANUARY	89	8	281	13	26	2	396	23	334	17	713	31
FEBRUARY	81	9	220	7	32	2	332	18	276	17	677	31
MARCH	85	9	246	10	34	3	365	21	314	19	639	29
APRIL	85	9	202	7	27	2	314	18	317	18	674	29
CURR YTD	340	35	949	36	119	8	1,407	79	1,241	72	674	29
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH		-2.0	-17.9	-29.6	-19.2	-22.9	-13.9	-17.1	0.7	-6.0	5.4	2.7
PREV/CURR	12.5	-7.5	-9.7	-26.4	5.9	37.7	-3.3	-12.7	-1.0	-2.4	-7.4	51.3
YTD CHG	4.7	4.5	-6.2	-22.5	12.4	76.1	-2.4	-6.5	-8.2	-8.8	-5.5	45.7

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 07/17/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
PREV YTD	1,802	1	859	6	99	1	2,760	7	2,780	4	781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
DECEMBER	307		104	1	22		493	2	690		2,345	7
PREV TOT	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
1990												
JANUARY	617		352	1	30		999	1	1,008		2,211	3
FEBRUARY	598		241	1	38		877	1	957		2,185	3
MARCH	817		254	1	38		1,109	1	1,100		2,033	3
APRIL	736		224	1	30		990	1	1,045		1,990	3
CURR YTD	2,768	1	1,071	3	136		3,975	4	4,110		1,990	3
MAY												
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-9.9	677.5	-11.6	-31.9	-22.4	-92.4	-10.8	-7.7	-5.0	25200.0	-2.1	-7.3
PREV/CURR	75.5	274.7	19.0	-59.0	105.0	-69.2	59.0	-39.0	46.3	-33.0	154.7	-76.3
YTD CHG	53.6	18.8	24.7	-55.8	38.3	-56.6	44.0	-50.2	47.9	-92.8	127.6	-64.8

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 07/17/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
PREV YTD	1,721	1,665	3,991	2,435	1,027	685	680	431
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
PREV TOT	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
1990								
JANUARY	498	406	1,016	804	282	265	197	131
FEBRUARY	406	370	850	693	246	239	158	138
MARCH	466	411	983	733	277	258	166	164
APRIL	458	374	928	599	288	226	187	121
CURR YTD	1,828	1,562	3,778	2,830	1,094	987	707	554
MAY								
JUNE								
JULY								
AUGUST								
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	-1.8	-9.0	-5.6	-18.3	4.0	-12.4	12.8	-26.4
PREV/CURR	1.1	7.0	1.6	-13.4	4.6	-2.2	14.3	-4.9
YTD CHG	6.2	-6.2	-5.3	16.2	6.4	44.1	4.0	28.4

MONTH: APRIL, 1990

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 07/17/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
PREV YTD	13,431	1,080	779	223	1,295	1,306	596	10	1,494	696	1,464	1,538	283
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,326	234	247	37	359	285	105	3	440	119	317	426	160
PREV TOT	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
1990													
JANUARY	3,604	306	317	36	430	390	126	2	655	186	420	475	136
FEBRUARY	3,074	251	271	27	319	200	108	3	590	142	302	387	65
MARCH	3,844	311	309	20	349	270	132	4	498	187	362	461	109
APRIL	3,401	284	279	61	376	256	102	3	660	211	255	490	102
CURR YTD	13,922	1,152	1,176	144	1,474	1,116	468	12	2,404	726	1,339	1,813	412
MAY													
JUNE													
JULY													
AUGUST													
SEPTEMBER													
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	-11.5	-8.9	-9.7	205.8	7.8	-5.3	-22.2	-12.4	32.5	12.4	-29.4	6.1	-5.9
PREV/CURR	-5.9	-10.8	43.0	9.6	9.8	-16.2	-31.8	1.2	92.2	10.7	-31.6	36.3	-11.9
YTD CHG	3.7	6.7	51.0	-35.4	13.9	-14.5	-21.6	19.7	60.9	4.3	-8.5	17.9	45.8

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND TUBE REPORT (MTR)

The procedures used by the Management Information Services (MIS) of RMA to compile the MTR is reviewed annually by the Tire Statistical Committee. The Tire Statistical Committee members represent companies, both domestic and foreign, that participate in the monthly submission of tire and tube data to RMA. The categories selected for presentation in the MTR are based upon those developed by the Tire Statistical Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

DESCRIPTIONS FOR THE CATEGORIES USED IN THIS REPORT:

PASSENGER TIRES: All sizes and types of tires designed for standard highway passenger car service. Off-highway passenger tires (i.e., racing car, dune buggy, etc.) are also included in this category.

TRUCK & BUS TIRES: All sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

TRACTOR IMPLEMENT TIRES: Included are steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: All tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractor. Categories include swamp buggy, terra, snowmobile, mini-bike, and go-kart tires.

INNER TUBES: All inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

MOBILE HOME TIRES: This report does not contain data for mobile home tires.

SOLID TIRES: This report does not contain data for solid tires.

DESCRIPTIONS FOR THE VARIOUS COLUMN HEADINGS USES IN THIS REPORT:

ORIGINAL EQUIPMENT: Shipments to original equipment vehicle manufacturers.

REPLACEMENT: Shipments destined for the domestic replacement market.

EXPORT: Shipments to points outside of the United States as reported by the participants. As such, the export figure will differ from the figure released by the U.S. Government.

PRODUCTION: Units produced in domestic factories for the reporting period.

INVENTORY: Stocks as of the last day of the reporting period.

IMPORTS: Import data is from the Bureau of Census Report IM-145. The import data is broken out by the ten digit Harmonized number and reflects imports into the U.S. Customs territories. Data for imports are shown separately on this report. Imports reported by participating companies are reflected in the overall report.

PARTICIPANTS IN THIS REPORT:

Bridgestone/Firestone, Inc.
Carlisle Tire & Rubber Co.
Continental Tire Corp.
Cooper Tire & Rubber Co.
Cupples Company Manufacturers
Denman Tire Corp.
DICO Tire, Inc.
Dunlop Tire Corp.
Fidelity Tire Manufacturing Co.
General Tire
Goodyear Tire & Rubber Co., The
Hankook Tire America Corp.
Kelly-Springfield Tire Co.
McCreary Tire & Rubber Co.
Michelin Tire Corp.
Mohawk Rubber Co.
Pirelli Armstrong Tire Corp.
Robbins Tire & Rubber Co., Inc.
Sumitomo Tire
Toyo Tire (USA) Corp.
Uniroyal Goodrich Tire Co., The
Yokohama Tire Corp.

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Any questions regarding items on this report should be directed to the Management Information Services of RMA; 1400 K. Street, N.W., Suite 900, Washington, D.C., telephone: 202-682-4860, fax 202-682-4870.

A8810-1

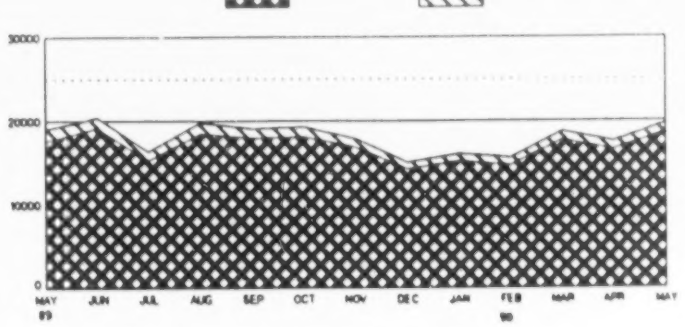
RMA Industry Report

MONTHLY TIRE REPORT

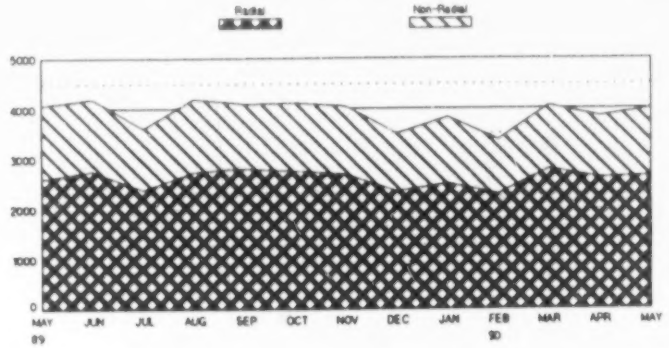
MAY 1990

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

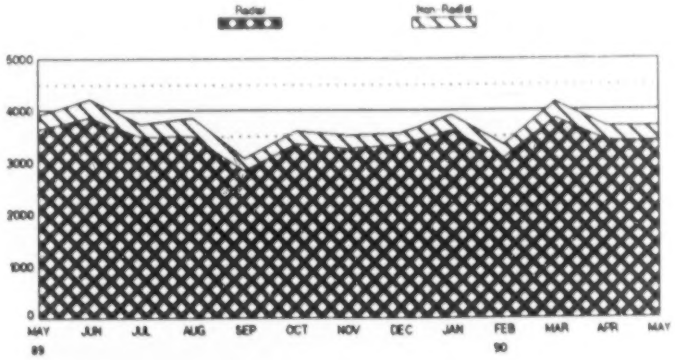
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



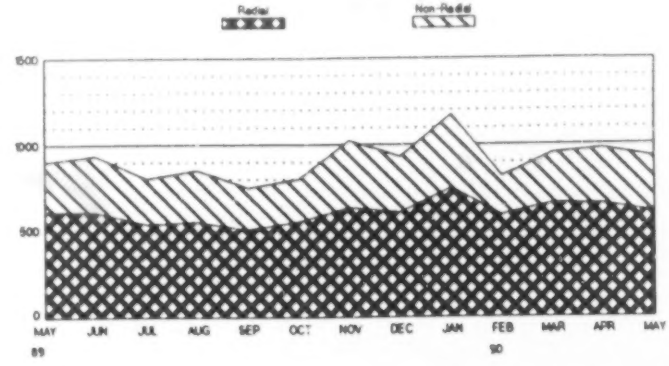
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/01/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
PREV YTD	24,095	21,019	59,577	56,348	5,528	5,115	89,200	82,482	78,031	72,553	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
PREV TOT	51,170	44,654	153,281	146,157	12,437	11,617	216,888	202,428	175,026	164,249	31,590	30,044
1990												
JANUARY	2,941	2,566	11,995	11,555	1,085	1,038	16,022	15,160	15,640	15,062	35,578	33,973
FEBRUARY	3,937	3,462	10,578	10,202	1,063	1,014	15,577	14,678	14,220	13,622	37,642	36,091
MARCH	4,693	4,119	12,850	12,457	1,155	1,083	18,697	17,659	16,097	15,506	39,222	37,807
APRIL	4,148	3,649	12,226	11,785	1,153	1,104	17,527	16,538	14,741	14,107	40,352	39,032
MAY	4,882	4,304	13,591	13,167	1,169	1,109	19,642	18,580	14,842	14,191	39,448	38,235
CURR YTD	20,600	18,101	61,240	59,166	5,625	5,347	87,464	82,614	75,540	72,488	39,448	38,235
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	17.7	18.0	11.2	11.7	1.4	0.5	12.1	12.3	0.7	0.6	-2.2	-2.0
PREV/CURR	-2.3	-0.9	5.0	7.6	15.0	16.5	3.6	6.0	-5.9	-3.9	12.7	16.1
YTD CHG	-14.5	-13.9	2.8	5.0	1.8	4.5	-1.9	0.2	-3.2	-0.1	19.4	23.2

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/01/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
PREV YTD	3,884	3,213	14,011	8,019	1,546	1,160	19,441	12,391	16,999	11,136	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
PREV TOT	8,177	6,833	35,436	21,369	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
1990												
JANUARY	548	471	2,989	1,814	289	222	3,826	2,508	3,377	2,356	8,310	5,797
FEBRUARY	617	532	2,452	1,523	309	243	3,378	2,297	3,156	2,198	8,919	6,297
MARCH	689	591	3,022	1,910	349	285	4,059	2,786	3,425	2,467	9,224	6,646
APRIL	632	535	2,916	1,826	300	251	3,848	2,612	2,939	2,133	9,249	6,804
MAY	707	591	3,014	1,816	283	228	4,004	2,635	3,148	2,240	9,280	6,986
CURR YTD	3,193	2,721	14,392	8,889	1,530	1,228	19,115	12,838	16,045	11,395	9,280	6,986
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	12.0	10.5	3.4	-0.6	-5.7	-9.0	4.1	0.9	7.1	5.0	0.3	2.7
PREV/CURR	-12.6	-12.3	2.2	6.1	-6.5	3.6	-1.4	1.1	-5.0	1.5	8.3	29.0
YTD CHG	-17.8	-15.3	2.7	10.8	-1.0	5.9	-1.7	3.6	-5.6	2.3	15.4	35.1

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/01/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
PREV YTD	400	42	1,211	52	131	6	1,742	100	1,653	97	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
PREV TOT	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
1990												
JANUARY	89	8	281	13	26	2	396	23	334	17	713	31
FEBRUARY	81	9	220	7	32	2	332	18	276	17	677	31
MARCH	85	9	246	10	34	3	365	21	314	19	639	29
APRIL	85	9	202	7	27	2	314	18	317	18	673	29
MAY	75	10	195	5	29	2	299	17	276	20	677	33
CURR YTD	415	44	1,144	41	147	10	1,706	96	1,517	92	677	33
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-11.6	8.9	-3.1	-19.9	4.3	6.6	-4.8	-2.3	-13.0	10.7	0.5	10.6
PREV/CURR	-0.9	8.9	-1.8	7.9	12.2	21.4	-0.4	10.1	-8.4	10.5	-10.7	45.7
YTD CHG	3.7	5.4	-5.5	-19.6	12.4	60.5	-2.1	-3.9	-8.2	-5.2	-6.6	45.7

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/01/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
PREV YTD	2,229	1	1,026	7	128	1	3,382	9	3,514	4	789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
DECEMBER	367		104	1	22		493	2	690		2,345	7
PREV TOT	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
1990												
JANUARY	617		352	1	30		999	1	1,008		2,211	3
FEBRUARY	598		241	1	38		877	1	957		2,185	3
MARCH	817		254	1	38		1,109	1	1,100		2,033	3
APRIL	675		207	1	32		913	1	998		1,650	3
MAY	718		206	1	39		963	1	1,068	2	1,575	4
CURR YTD	3,424	1	1,260	3	177		4,861	4	5,131	2	1,575	4
JUNE												
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	6.4	-96.8	-0.3	67.3	22.7	675.0	5.4	12.3	7.0	538.9	-4.6	62.8
PREV/CURR	68.2	-95.7	23.8	-48.8	32.4	19.2	54.6	-52.5	45.5	22900.0	99.5	-56.2
YTD CHG	53.6	-15.6	22.8	-54.2	38.4	-51.4	43.7	-50.7	46.0	-47.4	115.1	-62.9

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/01/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
PREV YTD	2,179	2,042	4,953	3,138	1,307	922	870	574
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
PREV TOT	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
1990								
JANUARY	498	406	1,016	804	282	265	197	131
FEBRUARY	406	370	850	693	246	239	158	138
MARCH	466	411	983	733	277	258	166	164
APRIL	458	374	928	599	288	226	187	121
MAY	467	420	920	674	306	262	200	150
CURR YTD	2,295	1,982	4,698	3,503	1,400	1,250	907	703
JUNE								
JULY								
AUGUST								
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	2.1	12.3	-0.9	12.4	6.1	16.1	6.9	24.1
PREV/CURR	1.8	11.4	-4.3	-4.2	9.4	11.1	5.4	5.3
YTD CHG	5.3	-2.9	-5.1	11.6	7.1	35.6	4.3	22.6

MONTH: MAY, 1990

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 08/01/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
PREV YTD	17,064	1,356	991	266	1,693	1,550	718	14	1,982	859	1,792	1,829	420
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,326	234	247	37	359	285	105	3	440	119	317	426	160
PREV TOT	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
1990													
JANUARY	3,604	306	317	36	430	390	126	2	655	186	420	475	136
FEBRUARY	3,074	251	271	27	319	200	108	3	590	142	302	387	65
MARCH	3,844	311	309	20	349	270	132	4	498	187	362	461	109
APRIL	3,401	284	279	61	376	256	102	3	660	211	255	490	102
MAY	3,394	293	271	41	336	273	114	3	543	199	304	474	80
CURR YTD	17,316	1,445	1,447	185	1,811	1,388	582	16	2,947	925	1,643	2,287	492
JUNE													
JULY													
AUGUST													
SEPTEMBER													
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	-0.2	3.3	-3.0	-33.3	-10.6	6.6	11.3	5.7	-17.8	-5.3	19.1	-3.2	-21.5
PREV/CURR	-6.6	6.3	27.2	-4.8	-15.7	11.4	-6.2	-6.3	11.4	22.4	-7.4	62.5	-41.6
YTD CHG	1.5	6.6	45.9	-30.5	6.9	-10.4	-19.0	13.0	48.7	7.7	-8.3	25.0	17.2

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND TUBE REPORT (MTR)

The procedures used by the Management Information Services (MIS) of RMA to compile the MTR is reviewed annually by the Tire Statistical Committee. The Tire Statistical Committee members represent companies, both domestic and foreign, that participate in the monthly submission of tire and tube data to RMA. The categories selected for presentation in the MTR are based upon those developed by the Tire Statistical Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

DESCRIPTIONS FOR THE CATEGORIES USED IN THIS REPORT:

PASSENGER TIRES: All sizes and types of tires designed for standard highway passenger car service. Off-highway passenger tires (i.e., racing car, dune buggy, etc.) are also included in this category.

TRUCK & BUS TIRES: All sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

TRACTOR IMPLEMENT TIRES: Included are steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: All tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractor. Categories include swamp buggy, terra, snowmobile, mini-bike, and go-kart tires.

INNER TUBES: All inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

MOBILE HOME TIRES: This report does not contain data for mobile home tires.

SOLID TIRES: This report does not contain data for solid tires.

DESCRIPTIONS FOR THE VARIOUS COLUMN HEADINGS USES IN THIS REPORT:

ORIGINAL EQUIPMENT: Shipments to original equipment vehicle manufacturers.

REPLACEMENT: Shipments destined for the domestic replacement market.

EXPORT: Shipments to points outside of the United States as reported by the participants. As such, the export figure will differ from the figure released by the U.S. Government.

PRODUCTION: Units produced in domestic factories for the reporting period.

INVENTORY: Stocks as of the last day of the reporting period.

IMPORTS: Import data is from the Bureau of Census Report IM-145. The import data is broken out by the ten digit Harmonized number and reflects imports into the U.S. Customs territories. Data for imports are shown separately on this report. Imports reported by participating companies are reflected in the overall report.

PARTICIPANTS IN THIS REPORT:

Bridgestone/Firestone, Inc.
Carlisle Tire & Rubber Co.
Continental Tire Corp.
Cooper Tire & Rubber Co.
Cupples Company Manufacturers
Denman Tire Corp.
DICO Tire, Inc.
Dunlop Tire Corp.
Fidelity Tire Manufacturing Co.
General Tire
Goodyear Tire & Rubber Co., The
Hankook Tire America Corp.
Kelly-Springfield Tire Co.
McCreary Tire & Rubber Co.
Michelin Tire Corp.
Mohawk Rubber Co.
Pirelli Armstrong Tire Corp.
Robbins Tire & Rubber Co., Inc.
Sumitomo Tire
Toyo Tire (USA) Corp.
Uniroyal Goodrich Tire Co., The
Yokohama Tire Corp.

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Any questions regarding items on this report should be directed to the Management Information Services of RMA; 1400 K. Street, N.W., Suite 900, Washington, D.C., telephone: 202-682-4860, fax 202-682-4870.

RMA Seventy Five Years 1915-1990 Industry Report

CONFIDENTIAL A8810-1

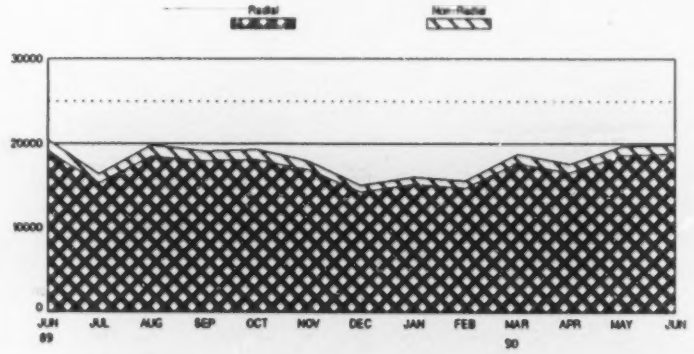
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

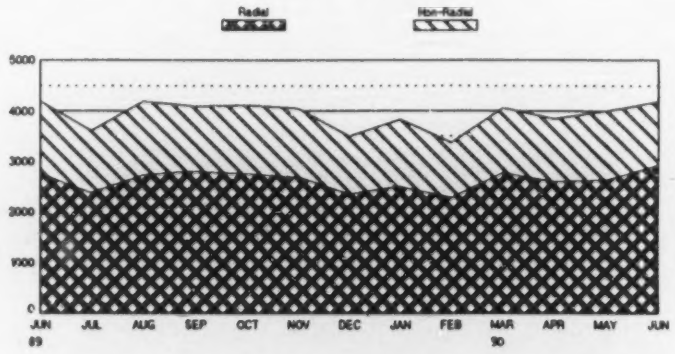
JUNE 1990

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

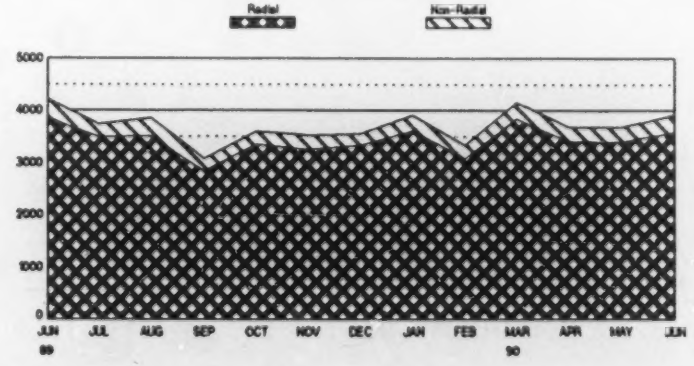
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



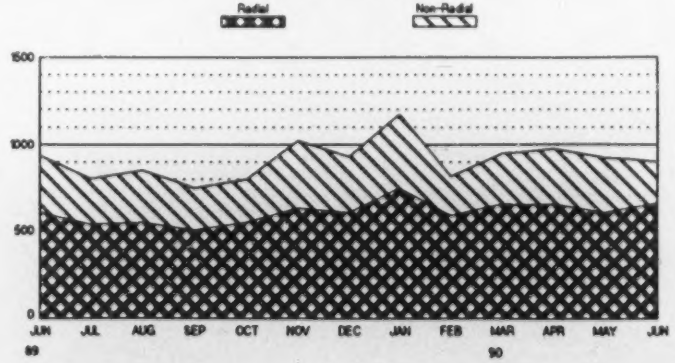
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/21/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
PREV YTD	28,511	24,893	74,608	70,711	6,471	6,002	109,589	101,605	93,070	86,646	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
PREV TOT	51,170	44,654	153,281	146,157	12,[illegible]7	11,617	216,888	202,428	175,026	164,249	31,590	30,044
1990												
JANUARY	2,941	2,566	11,995	11,555	1,085	1,038	16,022	15,160	15,640	15,062	35,578	33,973
FEBRUARY	3,937	3,462	10,578	10,202	1,063	1,014	15,577	14,678	14,220	13,622	37,642	36,091
MARCH	4,693	4,119	12,850	12,457	1,155	1,083	18,697	17,659	16,097	15,506	39,222	37,807
APRIL	4,148	3,649	12,226	11,785	1,153	1,104	17,527	16,538	14,741	14,107	40,352	39,032
MAY	4,882	4,304	13,591	13,167	1,169	1,109	19,642	18,580	14,842	14,191	39,448	38,235
JUNE	4,670	4,098	14,111	13,602	1,069	1,021	19,850	18,721	15,119	14,384	38,841	37,676
CURR YTD	25,270	22,199	75,350	72,768	6,694	6,368	107,314	101,335	90,658	86,873	38,841	37,676
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-4.3	-4.8	3.8	3.3	-8.6	-7.9	1.1	0.8	1.9	1.4	-1.5	-1.5
PREV/CURR	5.8	5.8	-6.1	-5.3	13.4	15.1	-2.6	-2.1	0.5	2.1	14.0	17.8
YTD CHG	-11.4	-10.8	1.0	2.9	3.4	6.1	-2.1	-0.3	-2.6	0.3	18.4	22.2

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/21/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
PREV YTD	4,598	3,809	17,178	9,945	1,834	1,373	23,610	15,126	20,273	13,347	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
PREV TOT	8,177	6,833	35,436	21,369	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
1990												
JANUARY	548	471	2,989	1,814	289	222	3,826	2,508	3,377	2,356	8,310	5,797
FEBRUARY	617	532	2,452	1,523	309	243	3,378	2,297	3,156	2,198	8,919	6,297
MARCH	689	591	3,022	1,910	349	285	4,059	2,786	3,425	2,467	9,224	6,646
APRIL	632	535	2,916	1,826	300	251	3,848	2,612	2,939	2,133	9,249	6,804
MAY	707	591	3,014	1,816	283	228	4,004	2,635	3,148	2,240	9,280	6,986
JUNE	641	537	3,270	2,157	282	224	4,192	2,918	3,067	2,202	9,052	6,929
CURR YTD	3,834	3,259	17,662	11,045	1,811	1,452	23,307	15,756	19,112	13,597	9,052	6,929
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-9.3	-9.1	8.5	18.8	-0.5	-2.0	4.7	10.7	-2.6	-1.7	-2.5	-0.8
PREV/CURR	-10.2	-9.9	3.2	12.0	-2.3	5.3	0.5	6.7	-6.3	-0.4	5.0	25.8
YTD CHG	-16.6	-14.4	2.8	11.1	-1.2	5.8	-1.3	4.2	-5.7	1.9	13.5	33.4

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/21/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
PREV YTD	459	50	1,426	55	157	8	2,041	114	1,946	115	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
PREV TOT	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
1990												
JANUARY	89	8	281	13	26	2	396	23	334	17	713	31
FEBRUARY	81	9	220	7	32	2	332	18	276	17	677	31
MARCH	85	9	246	10	34	3	365	21	314	19	639	29
APRIL	85	9	202	7	27	2	314	18	317	18	673	29
MAY	75	10	195	5	29	2	299	17	276	20	677	33
JUNE	79	10	208	4	22	2	309	16	276	19	686	36
CURR YTD	494	54	1,352	46	169	12	2,015	112	1,794	110	686	36
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	5.3	3.1	6.6	-23.1	-22.7	-27.0	3.5	-9.0		-7.5	1.3	10.1
PREV/CURR	35.4	21.8	-3.2	9.9	-16.2	-21.9	3.1	12.1	-5.7	2.3	-10.9	39.2
YTD CHG	7.7	8.1	-5.2	-17.6	7.6	40.3	-1.3	-2.0	-7.8	-4.0	-7.4	44.4

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/21/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
PREV YTD	2,571	1	1,191	9	155	1	3,916	11	4,201	4	934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	3	23		457	2	833		2,348	7
DECEMBER	367		104	1	22		493	2	690		2,345	7
PREV TOT	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
1990												
JANUARY	617		352	1	30		999	1	1,008		2,211	3
FEBRUARY	598		241	1	38		877	1	957		2,185	3
MARCH	817		254	1	38		1,109	1	1,100		2,033	3
APRIL	675		207	1	32		913	1	998		1,650	3
MAY	718		206	1	39		963	1	1,068	2	1,575	4
JUNE	482		232	1	28		742	1	989		1,737	4
CURR YTD	3,907	1	1,491	4	205		5,603	5	6,120	2	1,737	4
JULY												
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-32.8	90.0	12.4	-28.0	-27.2	-3.2	-22.9	-25.2	-7.4	-99.6	10.3	-10.2
PREV/CURR	41.1	-81.4	40.5	-53.4	5.0	-50.0	39.1	-55.0	43.9	700.0	86.0	-67.1
YTD CHG	52.0	-23.3	25.3	-54.1	32.6	-51.3	43.1	-51.3	45.7	-47.2	110.1	-63.8

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 08/21/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
PREV YTD	2,703	2,416	6,031	3,787	1,623	1,171	1,066	709
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
PREV TOT	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
1990								
JANUARY	498	406	1,016	804	282	265	197	131
FEBRUARY	406	370	850	693	246	239	158	138
MARCH	466	411	983	733	277	258	166	164
APRIL	458	374	928	599	288	226	187	121
MAY	467	420	920	674	306	262	200	150
JUNE	496	427	995	564	295	240	197	146
CURR YTD	2,791	2,409	5,693	4,067	1,695	1,489	1,105	849
JULY								
AUGUST								
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	6.2	1.5	8.2	-16.3	-3.5	-8.7	-1.3	-2.6
PREV/CURR	-5.3	14.3	-7.8	-13.2	-6.7	-4.0	0.7	7.7
YTD CHG	3.2	-0.3	-5.6	7.4	4.4	27.2	3.6	19.8

MONTH: JUNE, 1990

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 08/21/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
PREV YTD	20,925	1,711	1,199	324	2,098	1,816	849	16	2,539	1,076	2,134	2,159	456
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,326	234	247	37	359	285	105	3	440	119	317	426	160
PREV TOT	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
1990													
JANUARY	3,604	306	317	36	430	390	126	2	655	186	420	475	136
FEBRUARY	3,074	251	271	27	319	200	108	3	590	142	302	387	65
MARCH	3,844	311	309	20	349	270	132	4	498	187	362	461	109
APRIL	3,401	284	279	61	376	256	102	3	660	211	255	490	102
MAY	3,394	293	271	41	336	273	114	3	543	199	304	474	80
JUNE	3,575	348	283	39	375	204	131	2	581	212	363	488	125
CURR YTD	20,891	1,793	1,729	224	2,186	1,592	713	18	3,528	1,137	2,006	2,775	617
JULY													
AUGUST													
SEPTEMBER													
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	5.3	18.6	4.5	-4.5	11.6	-25.2	15.3	-29.3	7.1	6.3	19.3	2.9	55.7
PREV/CURR	-7.4	-2.1	36.3	-32.9	-7.3	-23.2	-0.1	-5.9	4.3	-2.4	6.1	48.2	249.7
YTD CHG	-0.2	4.8	44.3	-30.9	4.2	-12.3	-16.0	10.1	39.0	5.7	-6.0	28.5	35.4

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND TUBE REPORT (MTR)

The procedures used by the Management Information Services (MIS) of RMA to compile the MTR is reviewed annually by the Tire Statistical Committee. The Tire Statistical Committee members represent companies, both domestic and foreign, that participate in the monthly submission of tire and tube data to RMA. The categories selected for presentation in the MTR are based upon those developed by the Tire Statistical Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

DESCRIPTIONS FOR THE CATEGORIES USED IN THIS REPORT:

PASSENGER TIRES: All sizes and types of tires designed for standard highway passenger car service. Off-highway passenger tires (i.e., racing car, dune buggy, etc.) are also included in this category.

TRUCK & BUS TIRES: All sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

TRACTOR IMPLEMENT TIRES: Included are steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: All tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractor. Categories include swamp buggy, terra, snowmobile, mini-bike, and go-kart tires.

INNER TUBES: All inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

MOBILE HOME TIRES: This report does not contain data for mobile home tires.

SOLID TIRES: This report does not contain data for solid tires.

DESCRIPTIONS FOR THE VARIOUS COLUMN HEADINGS USES IN THIS REPORT:

ORIGINAL EQUIPMENT: Shipments to original equipment vehicle manufacturers.

REPLACEMENT: Shipments destined for the domestic replacement market.

EXPORT: Shipments to points outside of the United States as reported by the participants. As such, the export figure will differ from the figure released by the U.S. Government.

PRODUCTION: Units produced in domestic factories for the reporting period.

INVENTORY: Stocks as of the last day of the reporting period.

IMPORTS: Import data is from the Bureau of Census Report IM-145. The import data is broken out by the ten digit Harmonized number and reflects imports into the U.S. Customs territories. Data for imports are shown separately on this report. Imports reported by participating companies are reflected in the overall report.

PARTICIPANTS IN THIS REPORT:

Bridgestone/Firestone, Inc.
Carlisle Tire & Rubber Co.
Continental Tire Corp.
Cooper Tire & Rubber Co.
Cupples Company Manufacturers
Derman Tire Corp.
DICO Tire, Inc.
Dunlop Tire Corp.
Fidelity Tire Manufacturing Co.
General Tire
Goodyear Tire & Rubber Co., The
Hankook Tire America Corp.
Kelly-Springfield Tire Co.
McCreary Tire & Rubber Co.
Michelin Tire Corp.
Mohawk Rubber Co.
Pirelli Armstrong Tire Corp.
Robbins Tire & Rubber Co., Inc.
Sumitomo Tire
Toyo Tire (USA) Corp.
Uniroyal Goodrich Tire Co., The
Yokohama Tire Corp.

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Any questions regarding items on this report should be directed to the Management Information Services of RMA; 1400 K. Street, N.W., Suite 900, Washington, D.C., telephone: 202-682-4860, fax 202-682-4870.

RMA Industry Report

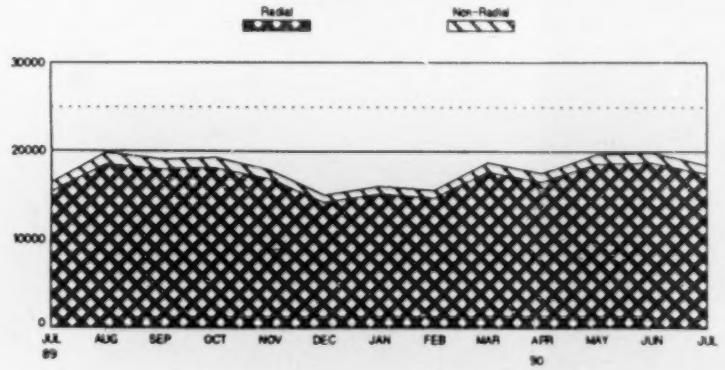
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

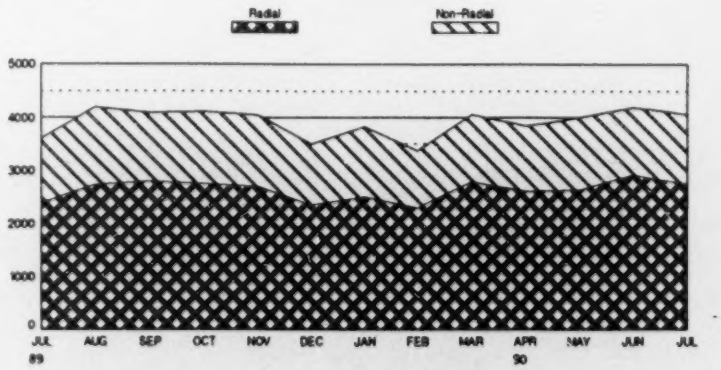
JULY 1990

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

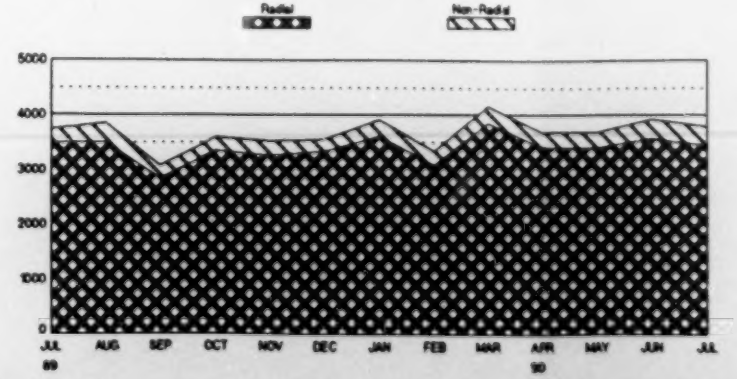
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



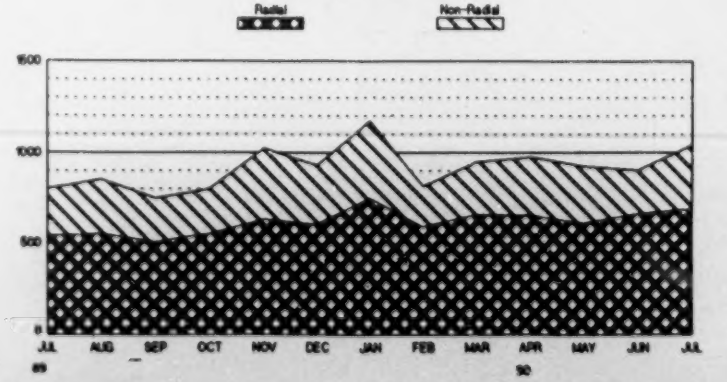
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 09/20/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,096	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
PREV YTD	31,179	27,200	87,294	82,769	7,436	6,913	125,909	116,882	105,393	98,257	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
PREV TOT	51,170	44,654	153,281	146,157	12,437	11,617	216,888	202,428	175,026	164,249	31,590	30,044
1990												
JANUARY	2,941	2,566	11,995	11,555	1,085	1,038	16,022	15,160	15,640	15,062	35,578	33,973
FEBRUARY	3,937	3,462	10,578	10,202	1,063	1,014	15,577	14,678	14,220	13,622	37,642	36,091
MARCH	4,693	4,119	12,850	12,457	1,155	1,083	18,697	17,659	16,097	15,506	39,222	37,807
APRIL	4,148	3,649	12,226	11,785	1,153	1,104	17,527	16,538	14,741	14,107	40,352	39,032
MAY	4,882	4,304	13,591	13,167	1,169	1,109	19,642	18,580	14,842	14,191	39,448	38,235
JUNE	4,670	4,098	14,111	13,602	1,069	1,021	19,850	18,721	15,119	14,384	38,841	37,676
JULY	3,063	2,695	14,238	13,757	1,080	1,018	18,381	17,470	12,611	11,969	36,934	35,706
CURR YTD	28,333	24,894	89,588	86,525	7,774	7,386	125,695	118,805	103,269	98,842	36,934	35,706
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-34.4	-34.2	0.9	1.1	1.0	-0.3	-7.4	-6.7	-16.6	-16.8	-4.9	-5.2
PREV/CURR	14.8	16.8	12.2	14.1	12.0	11.7	12.6	14.4	2.3	3.1	7.8	10.7
YTD CHG	-9.1	-8.5	2.6	4.5	4.5	6.8	-0.2	1.6	-2.0	0.6	16.9	20.5

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 09/20/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
PREV YTD	5,103	4,227	20,054	11,738	2,067	1,543	27,224	17,508	22,783	15,096	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
PREV TOT	8,177	6,833	35,436	21,369	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
1990												
JANUARY	548	471	2,989	1,814	289	222	3,826	2,508	3,377	2,356	8,310	5,797
FEBRUARY	617	532	2,452	1,523	309	243	3,378	2,297	3,156	2,198	8,919	6,297
MARCH	689	591	3,022	1,910	349	285	4,059	2,786	3,425	2,467	9,224	6,646
APRIL	632	535	2,916	1,826	300	251	3,848	2,612	2,939	2,133	9,249	6,804
MAY	707	591	3,014	1,816	283	228	4,004	2,635	3,148	2,240	9,280	6,986
JUNE	641	537	3,270	2,157	282	224	4,192	2,918	3,067	2,202	9,052	6,929
JULY	509	429	3,347	2,171	197	148	4,054	2,747	2,385	1,666	8,438	6,545
CURR YTD	4,343	3,688	21,010	13,216	2,009	1,600	27,361	18,503	21,497	15,263	8,438	6,545
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-20.6	-20.2	2.4	0.6	-29.9	-34.1	-3.3	-5.9	-22.3	-24.3	-6.8	-5.5
PREV/CURR	0.7	2.6	16.4	21.1	-15.4	-13.5	12.2	15.3	-5.0	-4.7	1.2	20.3
YTD CHG	-14.9	-12.8	4.8	12.6	-2.8	3.7	0.5	5.7	-5.6	1.1	11.7	31.3

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 09/20/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
PREV YTD	514	59	1,652	59	181	10	2,347	128	2,199	129	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
PREV TOT	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
1990												
JANUARY	89	8	281	13	26	2	396	23	334	17	713	31
FEBRUARY	81	9	220	7	32	2	332	18	276	17	677	31
MARCH	85	9	246	10	34	3	365	21	314	19	639	29
APRIL	85	9	202	7	27	2	314	18	317	18	673	29
MAY	75	10	195	5	29	2	299	17	276	20	677	33
JUNE	79	10	208	4	22	2	309	16	276	19	686	36
JULY	63	5	225	5	18	1	306	11	263	21	699	49
CURR YTD	557	59	1,577	51	187	13	2,321	123	2,056	131	699	49
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-20.1	-51.8	8.1	29.4	-18.9	-26.7	-1.1	-27.6	-4.8	10.6	1.9	38.0
PREV/CURR	13.5	-49.0	-0.8	65.6	-23.0	9.9	0.1	-17.1	4.1	43.8	-7.7	77.2
YTD CHG	8.3	-0.9	-4.6	-13.0	3.6	36.9	-1.1	-3.6	-6.5	1.3	-7.4	50.2

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 09/20/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
PREV YTD	2,715	1	1,337	12	181	3	4,233	15	4,639	4	1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
DECEMBER	367		104	1	22		493	2	690		2,345	7
PREV TOT	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
1990												
JANUARY	617		352	1	30		999	1	1,008		2,211	3
FEBRUARY	598		241	1	38		877	1	957		2,185	3
MARCH	817		254	1	38		1,109	1	1,100		2,033	3
APRIL	675		207	1	32		913	1	998		1,650	3
MAY	718		206	1	39		963	1	1,068	2	1,575	4
JUNE	482		232	1	28		742	1	989		1,737	4
JULY	327		202	1	19		549	1	697		1,216	4
CURR YTD	4,234	1	1,696	5	225	1	6,152	6	6,817	2	1,216	4
AUGUST												
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	-32.1	10.5	-12.8	19.0	-31.4	85.0	-26.1	24.4	-29.5	-100.0	-30.0	3.8
PREV/CURR	127.5	-47.5	37.6	-76.3	-27.1	-93.3	72.9	-81.8	59.2		16.3	-55.1
YTD CHG	56.0	-24.4	26.6	-59.9	23.8	-78.7	45.3	-60.9	47.0	-47.2	95.0	-62.6

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 09/20/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
PREV YTD	3,122	2,629	6,924	4,079	1,880	1,331	1,210	789
AUGUST	583	531	1,214	733	332	261	169	136
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
PREV TOT	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
1990								
JANUARY	498	406	1,016	804	282	265	197	131
FEBRUARY	406	370	850	693	246	239	158	138
MARCH	466	411	983	733	277	258	166	164
APRIL	458	374	928	599	288	226	187	121
MAY	467	420	920	674	306	262	200	150
JUNE	496	427	995	564	295	240	197	146
JULY	488	282	978	541	283	258	151	113
CURR YTD	3,279	2,691	6,671	4,608	1,978	1,748	1,255	963
AUGUST								
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	-1.6	-33.8	-1.7	-4.0	-4.1	7.8	-23.7	-22.1
PREV/CURR	16.5	32.5	9.6	85.8	10.3	61.3	4.7	40.9
YTD CHG	5.0	2.4	-3.6	13.0	5.2	31.3	3.8	21.9

MONTH: JULY, 1990

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 09/20/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
PREV YTD	24,419	1,958	1,382	391	2,456	2,015	972	20	3,021	1,272	2,509	2,454	528
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,326	234	247	37	359	285	105	3	440	119	317	426	160
PREV TOT	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
1990													
JANUARY	3,604	306	317	36	430	390	126	2	655	186	420	475	136
FEBRUARY	3,074	251	271	27	319	200	108	3	590	142	302	387	65
MARCH	3,844	311	309	20	349	270	132	4	498	187	362	461	109
APRIL	3,401	284	279	61	376	256	102	3	660	211	255	490	102
MAY	3,394	293	271	41	336	273	114	3	543	199	304	474	80
JUNE	3,575	348	283	39	375	204	131	2	581	212	363	488	125
JULY	3,449	344	252	59	431	300	131	4	444	239	272	349	82
CURR YTD	24,340	2,137	1,981	282	2,617	1,892	844	22	3,972	1,376	2,278	3,124	699
AUGUST													
SEPTEMBER													
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	-3.5	-1.1	-10.9	51.5	14.9	47.0	-0.4	57.2	-23.7	12.6	-25.1	-28.4	-34.4
PREV/CURR	-1.3	39.1	37.8	-12.2	20.5	50.5	6.7	-4.3	-8.0	22.2	-27.6	18.2	14.1
YTD CHG	-0.3	9.1	43.4	-27.7	6.6	-6.1	-13.2	7.3	31.5	8.2	-9.2	27.3	32.5

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND TUBE REPORT (MTR)

The procedures used by the Management Information Services (MIS) of RMA to compile the MTR is reviewed annually by the Tire Statistical Committee. The Tire Statistical Committee members represent companies, both domestic and foreign, that participate in the monthly submission of tire and tube data to RMA. The categories selected for presentation in the MTR are based upon those developed by the Tire Statistical Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

DESCRIPTIONS FOR THE CATEGORIES USED IN THIS REPORT:

PASSENGER TIRES: All sizes and types of tires designed for standard highway passenger car service. Off-highway passenger tires (i.e., racing car, dune buggy, etc.) are also included in this category.

TRUCK & BUS TIRES: All sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

TRACTOR IMPLEMENT TIRES: Included are steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: All tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractor. Categories include swamp buggy, terra, snowmobile, mini-bike, and go-kart tires.

INNER TUBES: All inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

MOBILE HOME TIRES: This report does not contain data for mobile home tires.

SOLID TIRES: This report does not contain data for solid tires.

DESCRIPTIONS FOR THE VARIOUS COLUMN HEADINGS USES IN THIS REPORT:

ORIGINAL EQUIPMENT: Shipments to original equipment vehicle manufacturers.

REPLACEMENT: Shipments destined for the domestic replacement market.

EXPORT: Shipments to points outside of the United States as reported by the participants. As such, the export figure will differ from the figure released by the U.S. Government.

PRODUCTION: Units produced in domestic factories for the reporting period.

INVENTORY: Stocks as of the last day of the reporting period.

IMPORTS: Import data is from the Bureau of Census Report IM-145. The import data is broken out by the ten digit Harmonized number and reflects imports into the U.S. Customs territories. Data for imports are shown separately on this report. Imports reported by participating companies are reflected in the overall report.

PARTICIPANTS IN THIS REPORT:

Bridgestone/Firestone, Inc.
Carlisle Tire & Rubber Co.
Continental Tire Corp.
Cooper Tire & Rubber Co.
Cupples Company Manufacturers
Denman Tire Corp.
DICO Tire, Inc.
Dunlop Tire Corp.
Fidelity Tire Manufacturing Co.
General Tire
Goodyear Tire & Rubber Co., The
Hankook Tire America Corp.
Kelly-Springfield Tire Co.
McCreary Tire & Rubber Co.
Michelin Tire Corp.
Mohawk Rubber Co.
Pirelli Armstrong Tire Corp.
Robbins Tire & Rubber Co., Inc.
Sumitomo Tire
Toyo Tire (USA) Corp.
Uniroyal Goodrich Tire Co., The
Yokohama Tire Corp.

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Any questions regarding items on this report should be directed to the Management Information Services of RMA; 1400 K. Street, N.W., Suite 900, Washington, D.C., telephone: 202-682-4860, fax 202-682-4870.

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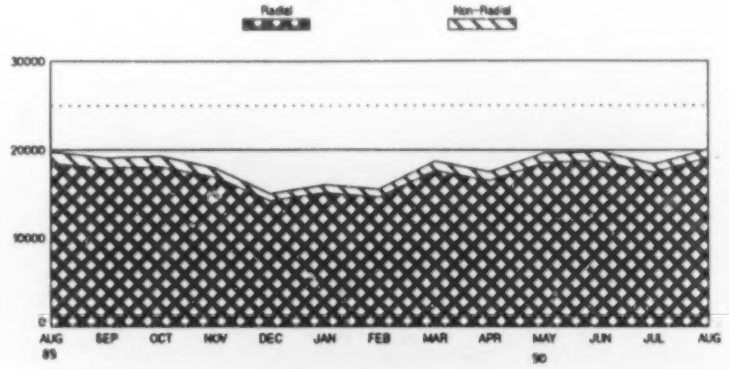
RMA Industry Report

RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

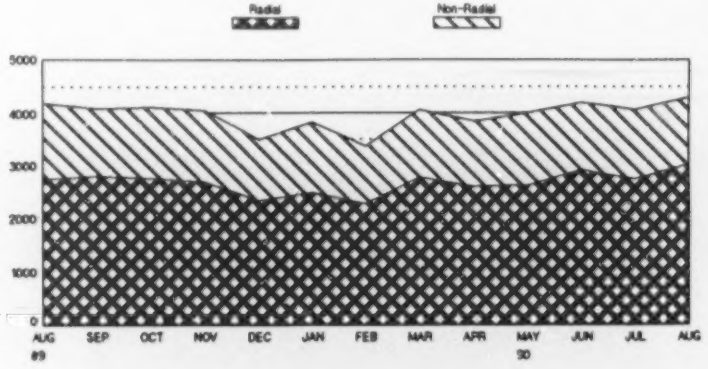
MONTHLY TIRE REPORT — AUGUST 1990

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and tube shipments, production, exports, imports, and inventory. Figures presented represent 100% of the domestic U.S. tire market.

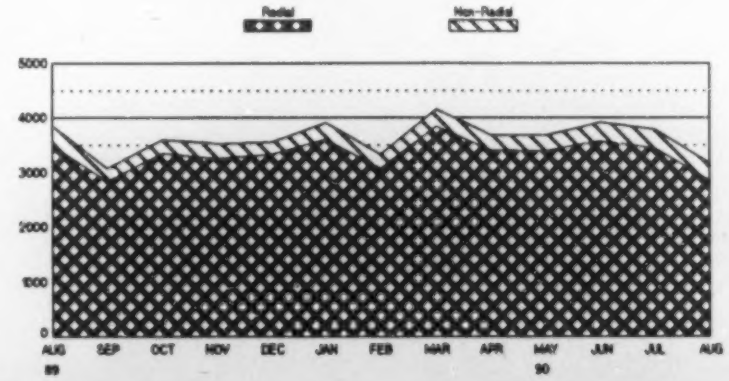
PASSENGER TIRE SHIPMENTS
(Figures in Thousands of Units)



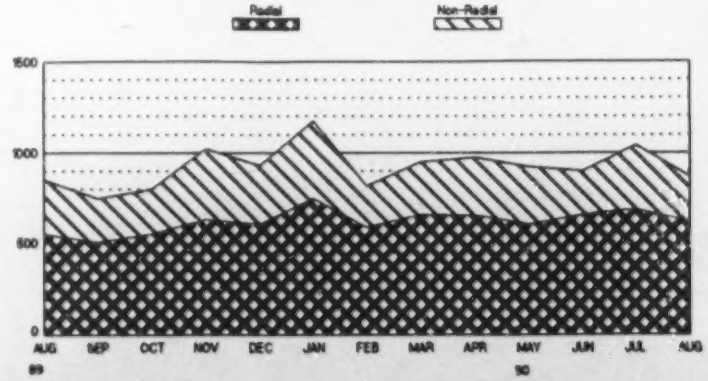
TRUCK & BUS TIRE SHIPMENTS
(Figures in Thousands of Units)



PASSENGER TIRE IMPORTS
(Figures in Thousands of Units)



TRUCK & BUS TIRE IMPORTS
(Figures in Thousands of Units)



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RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 10/25/90

PASSENGER TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	4,740	4,125	11,740	11,043	1,086	986	17,566	16,154	15,514	14,368	28,398	26,374
FEBRUARY	4,559	3,984	10,278	9,741	1,080	1,004	15,918	14,729	14,839	13,749	30,645	28,518
MARCH	4,798	4,176	12,110	11,510	1,269	1,173	18,177	16,859	16,078	14,900	32,651	30,410
APRIL	5,000	4,389	12,503	11,823	1,076	1,000	18,579	17,213	15,824	14,775	34,317	32,095
MAY	4,997	4,344	12,946	12,231	1,017	952	18,960	17,528	15,776	14,761	35,007	32,935
JUNE	4,416	3,874	15,030	14,363	943	887	20,389	19,123	15,039	14,093	34,077	31,993
JULY	2,669	2,308	12,686	12,058	965	911	16,320	15,277	12,324	11,611	34,255	32,241
AUGUST	4,268	3,727	14,316	13,622	1,180	1,118	19,764	18,467	15,029	14,188	33,639	31,715
PREV YTD	35,447	30,927	101,610	96,391	8,616	8,030	145,674	135,348	120,422	112,445	33,639	31,715
SEPTEMBER	4,300	3,766	13,758	13,199	1,002	940	19,060	17,905	13,881	13,012	31,943	30,074
OCTOBER	4,312	3,730	13,814	13,267	1,097	1,039	19,223	18,036	15,123	14,271	31,331	29,546
NOVEMBER	4,093	3,586	12,880	12,459	905	840	17,879	16,885	13,433	12,848	30,684	29,058
DECEMBER	3,017	2,646	11,220	10,840	816	768	15,052	14,253	12,168	11,674	31,590	30,044
PREV TOT	51,170	44,654	153,281	146,157	12,437	11,617	216,888	202,428	175,026	164,249	31,590	30,044
1990												
JANUARY	2,941	2,566	11,995	11,555	1,085	1,038	16,022	15,160	15,640	15,062	35,578	33,973
FEBRUARY	3,937	3,462	10,578	10,202	1,063	1,014	15,577	14,678	14,220	13,622	37,642	36,091
MARCH	4,693	4,119	12,850	12,457	1,155	1,083	18,697	17,659	16,097	15,506	39,222	37,807
APRIL	4,148	3,649	12,226	11,785	1,153	1,104	17,527	16,538	14,741	14,107	40,352	39,032
MAY	4,882	4,304	13,591	13,167	1,169	1,109	19,642	18,580	14,842	14,191	39,448	38,235
JUNE	4,670	4,098	14,111	13,602	1,069	1,021	19,850	18,721	15,119	14,384	38,841	37,676
JULY	3,063	2,695	14,238	13,757	1,080	1,018	18,381	17,470	12,611	11,969	36,934	35,706
AUGUST	4,074	3,555	14,589	14,166	1,444	1,394	20,106	19,114	15,630	15,003	35,618	34,418
CURR YTD	32,407	28,449	104,177	100,691	9,218	8,780	145,802	137,920	118,900	113,845	35,618	34,418
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	33.0	31.9	2.5	3.0	33.6	36.9	9.4	9.4	23.9	25.3	-3.6	-3.6
PREV/CURR	-4.5	-4.6	1.9	4.0	22.3	24.7	1.7	3.5	4.0	5.7	5.9	8.5
YTD CHG	-8.6	-8.0	2.5	4.5	7.0	9.3	0.1	1.9	-1.3	1.2	15.5	18.9

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 10/25/90

TRUCK AND BUS TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	745	614	2,836	1,648	319	242	3,900	2,504	3,430	2,238	6,788	4,179
FEBRUARY	789	654	2,608	1,477	297	222	3,695	2,353	3,263	2,137	7,239	4,419
MARCH	771	639	2,898	1,655	319	239	3,989	2,532	3,592	2,338	7,901	4,848
APRIL	770	631	2,718	1,527	308	237	3,796	2,395	3,400	2,216	8,474	5,216
MAY	809	675	2,950	1,711	303	220	4,062	2,606	3,314	2,207	8,573	5,417
JUNE	714	596	3,168	1,926	288	213	4,169	2,735	3,273	2,211	8,618	5,509
JULY	505	418	2,875	1,793	233	171	3,614	2,382	2,511	1,749	8,341	5,441
AUGUST	701	590	3,178	1,927	317	217	4,197	2,734	3,259	2,264	8,263	5,526
PREV YTD	5,804	4,818	23,232	13,664	2,384	1,760	31,421	20,242	26,042	17,360	8,263	5,526
SEPTEMBER	647	550	3,155	2,017	289	230	4,091	2,797	3,082	2,138	7,909	5,276
OCTOBER	598	507	3,189	2,007	325	245	4,112	2,759	3,277	2,246	7,825	5,262
NOVEMBER	613	520	3,131	1,948	301	226	4,045	2,694	2,890	2,012	7,694	5,231
DECEMBER	515	438	2,730	1,733	249	184	3,493	2,355	2,553	1,788	7,718	5,306
PREV TOT	8,177	6,833	35,436	21,369	3,548	2,645	47,161	30,847	37,844	25,544	7,718	5,306
1990												
JANUARY	548	471	2,989	1,814	289	222	3,826	2,508	3,377	2,356	8,310	5,797
FEBRUARY	617	532	2,452	1,523	309	243	3,378	2,297	3,156	2,198	8,919	6,297
MARCH	689	591	3,022	1,910	349	285	4,059	2,786	3,425	2,467	9,224	6,646
APRIL	632	535	2,916	1,826	300	251	3,848	2,612	2,939	2,133	9,249	6,804
MAY	707	591	3,014	1,816	283	228	4,004	2,635	3,148	2,240	9,280	6,986
JUNE	641	537	3,270	2,157	282	224	4,192	2,918	3,067	2,202	9,052	6,929
JULY	509	429	3,348	2,171	197	148	4,055	2,747	2,385	1,666	8,417	6,524
AUGUST	622	537	3,403	2,285	260	198	4,285	3,020	2,925	2,078	7,874	6,151
CURR YTD	4,964	4,225	24,413	15,501	2,269	1,798	31,646	21,524	24,421	17,340	7,874	6,151
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	22.1	25.1	1.6	5.3	31.8	34.3	5.7	9.9	22.6	24.7	-6.4	-5.7
PREV/CURR	-11.3	-9.1	7.1	18.6	-18.0	-8.8	2.1	10.4	-10.3	-8.2	-4.7	11.3
YTD CHG	-14.5	-12.3	5.1	13.4	-4.8	2.1	0.7	6.3	-6.2	-0.1	9.5	28.6

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 10/25/90

TRACTOR IMPLEMENT TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	84	8	305	17	24	1	413	26	364	21	689	21
FEBRUARY	75	7	244	11	26	1	345	19	354	20	734	21
MARCH	91	8	239	9	29	2	359	19	313	19	711	22
APRIL	75	9	223	9	26	2	325	20	320	19	728	19
MAY	76	9	199	5	25	2	300	16	302	18	758	22
JUNE	58	8	215	4	26	2	300	14	293	18	770	26
JULY	56	9	227	3	23	1	306	14	252	14	757	28
AUGUST	66	8	229	4	20	1	314	13	261	18	741	33
PREV YTD	580	68	1,881	62	200	10	2,661	140	2,459	147	741	33
SEPTEMBER	75	10	223	4	15	1	312	16	269	16	734	32
OCTOBER	95	10	226	4	21	2	341	16	317	17	686	32
NOVEMBER	78	9	169	4	17	1	263	14	246	16	689	35
DECEMBER	63	6	166	5	18	2	246	13	240	15	708	37
PREV TOT	890	103	2,664	81	270	16	3,825	200	3,531	210	708	37
1990												
JANUARY	90	9	282	14	26	2	398	24	336	20	714	33
FEBRUARY	82	9	221	8	32	2	334	20	277	19	678	32
MARCH	86	10	247	11	34	3	367	23	314	19	642	31
APRIL	86	10	203	8	27	2	317	20	321	22	676	32
MAY	76	10	196	7	29	2	301	19	279	23	681	36
JUNE	80	11	209	5	22	2	311	18	280	22	691	41
JULY	63	5	225	5	18	1	306	11	263	21	699	49
AUGUST	80	10	213	5	23	2	316	18	250	20	655	51
CURR YTD	643	75	1,797	63	210	16	2,650	154	2,321	166	655	51
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	26.9	117.6	-5.2	-1.7	27.7	107.1	3.3	59.9	-4.9	-1.1	-6.2	2.3
PREV/CURR	21.6	22.3	-6.8	38.0	17.1	272.5	0.6	39.7	-4.2	13.7	-11.6	55.0
YTD CHG	10.8	10.7	-4.5	1.6	5.0	52.4	-0.4	9.7	-5.6	12.7	-7.7	59.9

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 10/25/90

INDUSTRIAL AND UTILITY TIRES

	ORIGINAL EQUIPMENT	ORIGINAL EQUIPMENT RADIAL	REPLACE-MENT	REPLACE-MENT RADIAL	EXPORT	EXPORT RADIAL	TOTAL	TOTAL RADIAL	PRODUC-TION —	PRODUC-TION RADIAL	ENDING INVENTORY	ENDING INVENTORY RADIAL
1989												
JANUARY	427		307	2	26		759	2	669	1	1,054	5
FEBRUARY	432		192	1	36	1	660	2	668	1	993	7
MARCH	524		172	1	22		718	1	728	1	871	10
APRIL	419		189	1	15		623	1	714		781	11
MAY	427		167	2	29		623	2	734		789	10
JUNE	342		165	1	27		534	2	687		934	12
JULY	144		147	3	27	2	317	5	438		1,045	9
AUGUST	299		202	3	29		529	3	915		1,612	8
PREV YTD	3,014	1	1,539	14	210	3	4,763	19	5,554	4	1,612	8
SEPTEMBER	255		159	2	24		437	2	846		1,912	8
OCTOBER	296		151	4	25	2	473	6	947	1	2,198	6
NOVEMBER	310		124	1	23		457	2	833		2,348	7
DECEMBER	367		104	1	22		493	2	690		2,345	7
PREV TOT	4,241	2	2,078	23	304	5	6,623	30	8,870	5	2,345	7
1990												
JANUARY	617		352	1	30		999	1	1,008		2,211	3
FEBRUARY	598		241	1	38		877	1	957		2,185	3
MARCH	817		254	1	38		1,109	1	1,100		2,033	3
APRIL	675		207	1	32		913	1	998		1,650	3
MAY	718		206	1	39		963	1	1,068	2	1,575	4
JUNE	482		232	1	28		742	1	989		1,737	4
JULY	327		202	1	19		549	1	697		1,216	4
AUGUST	392		211	1	32		634	1	949		1,547	4
CURR YTD	4,626	1	1,904	5	256	1	6,786	7	7,766	2	1,547	4
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
PREV MTH	19.7	-14.3	4.2	-7.7	64.5	112.6	15.6	7.4	36.1	10800.0	27.2	-7.1
PREV/CURR	31.0	-94.4	4.4	-72.8	11.5	-43.4	19.8	-71.2	3.7	10800.0	-4.0	-52.8
YTD CHG	53.5	-42.7	23.7	-62.2	22.2	-73.7	42.5	-62.7	39.8	-44.2	75.2	-61.5

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 10/25/90

INNER TUBES

	PASSENGER/ MOTORCYCLE		TRUCK & BUS		TRACTOR IMPLEMENT		INDUSTRIAL/ UTILITY	
	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN	SHIPMENTS	PRODUCTN
1989								
JANUARY	471	199	1,204	501	297	137	224	70
FEBRUARY	372	774	887	460	207	119	125	109
MARCH	425	342	986	782	248	199	167	125
APRIL	453	350	914	692	276	231	164	127
MAY	459	378	961	703	280	236	190	142
JUNE	524	374	1,079	649	316	250	196	135
JULY	419	213	892	291	257	160	144	81
AUGUST	583	531	1,214	733	332	261	169	136
PREV YTD	3,705	3,160	8,138	4,811	2,212	1,593	1,379	925
SEPTEMBER	532	464	1,078	687	308	269	146	125
OCTOBER	491	455	1,126	807	294	249	138	123
NOVEMBER	451	406	973	714	207	149	126	103
DECEMBER	279	284	666	566	127	176	72	74
PREV TOT	5,459	4,769	11,982	7,585	3,148	2,434	1,862	1,351
1990								
JANUARY	498	406	1,016	804	282	265	197	131
FEBRUARY	406	370	850	693	246	239	158	138
MARCH	466	411	983	733	277	258	166	164
APRIL	458	374	928	599	288	226	187	121
MAY	467	420	920	674	306	262	200	150
JUNE	496	427	995	564	295	240	197	146
JULY	488	282	978	541	283	258	151	113
AUGUST	618	437	1,245	862	355	336	196	170
CURR YTD	3,897	3,128	7,916	5,470	2,333	2,084	1,451	1,132
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
PREV MTH	26.6	54.6	27.2	59.2	25.3	30.2	29.8	49.7
PREV/CURR	6.0	-17.8	2.5	17.6	6.8	28.8	15.6	24.9
YTD CHG	5.2	-1.0	-2.7	13.7	5.4	30.9	5.2	22.4

MONTH: AUGUST, 1990

MAJOR CATEGORIES OF TIRE AND TUBE IMPORTS
SOURCE: U.S. DEPT. OF COMMERCE IM-145
(UNITS IN THOUSANDS)

ISSUED: 10/25/90

	PASS. RADIAL	PASS. ALL OTHER	LIGHT TRUCK RADIAL	LIGHT TRUCK ALL OTHER	ALL OTHER TRUCK RADIAL	ALL OTHER TRUCK	MOTOR CYCLE	AIRPLANE	FARM EQUIP	PASS. TUBES	TRUCK AND BUS TUBES	TIRE NSPF TUBES	FARM TUBES
1989													
JANUARY	3,175	288	172	61	264	268	147	2	346	161	298	338	40
FEBRUARY	3,012	207	175	59	291	365	169	3	402	177	412	501	60
MARCH	3,628	267	236	48	397	367	130	2	402	168	380	339	66
APRIL	3,615	318	195	56	343	305	150	3	343	190	373	359	116
MAY	3,633	276	213	43	399	245	122	4	487	163	329	292	137
JUNE	3,861	355	207	58	405	266	131	2	557	217	342	329	36
JULY	3,494	247	183	67	358	199	123	4	482	195	375	295	72
AUGUST	3,505	350	199	68	356	234	119	2	390	162	301	321	65
PREV YTD	27,924	2,308	1,581	459	2,812	2,249	1,091	22	3,411	1,434	2,810	2,775	593
SEPTEMBER	2,842	231	204	45	303	197	86	3	379	167	283	299	44
OCTOBER	3,347	252	203	58	348	192	146	4	408	135	288	278	85
NOVEMBER	3,253	266	261	65	372	323	128	4	487	143	404	318	99
DECEMBER	3,326	234	247	37	359	285	105	3	440	119	317	426	160
PREV TOT	40,691	3,291	2,495	663	4,194	3,246	1,556	35	5,125	1,999	4,102	4,095	980
1990													
JANUARY	3,604	306	317	36	430	390	126	2	655	186	420	475	136
FEBRUARY	3,074	251	271	27	319	200	108	3	590	142	302	387	65
MARCH	3,844	311	309	20	349	270	132	4	498	187	362	461	109
APRIL	3,401	284	279	61	376	256	102	3	660	211	255	490	102
MAY	3,394	293	271	41	336	273	114	3	543	199	304	474	80
JUNE	3,575	348	283	39	375	204	131	2	581	212	363	488	125
JULY	3,449	344	252	59	431	300	131	4	444	239	272	349	82
AUGUST	2,852	303	226	43	395	203	107	2	507	258	297	380	111
CURR YTD	27,192	2,439	2,208	326	3,013	2,095	950	24	4,479	1,634	2,574	3,504	810
SEPTEMBER													
OCTOBER													
NOVEMBER													
DECEMBER													
PREV MTH	-17.3	-11.9	-10.1	-26.2	-8.3	-32.4	-18.6	-43.7	14.4	8.1	9.2	8.8	35.5
PREV/CURR	-18.6	-13.5	13.5	-36.2	11.0	-13.4	-10.5	-7.4	30.2	58.8	-1.4	18.2	70.2
YTD CHG	-2.6	5.7	39.6	-29.0	7.1	-6.9	-12.9	5.9	31.3	13.9	-8.4	26.3	36.6

Note: Due to changes in coding effective with the January 1989 IM-145 report, the data above does not reflect consistant reporting procedures. Therefore any previous year versus current year comparison may be suspect.

Additional information on imports may be obtained by phoning the Management Information Services Department of the Rubber Manufacturers Association at (202) 682-4860.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND TUBE REPORT (MTR)

The procedures used by the Management Information Services (MIS) of RMA to compile the MTR is reviewed annually by the Tire Statistical Committee. The Tire Statistical Committee members represent companies, both domestic and foreign, that participate in the monthly submission of tire and tube data to RMA. The categories selected for presentation in the MTR are based upon those developed by the Tire Statistical Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

DESCRIPTIONS FOR THE CATEGORIES USED IN THIS REPORT:

PASSENGER TIRES: All sizes and types of tires designed for standard highway passenger car service. Off-highway passenger tires (i.e., racing car, dune buggy, etc.) are also included in this category.

TRUCK & BUS TIRES: All sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

TRACTOR IMPLEMENT TIRES: Included are steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: All tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tract[illegible] Categories include swamp buggy, terra, snowmobile, mini-bike, and go-kart tires.

INNER TUBES: All inner tub[illegible] regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

MOBILE HOME TIRES: This report does not contain data for mobile home tires.

SOLID TIRES: This report does not contain data for solid tires.

DESCRIPTIONS FOR THE VARIOUS COLUMN HEADINGS USES IN THIS REPORT:

ORIGINAL EQUIPMENT: Shipments to original equipment vehicle manufacturers.

REPLACEMENT: Shipments destined for the domestic replacement market.

EXPORT: Shipments to points outside of the United States as reported by the participants. As such, the export figure will differ from the figure released by the U.S. Government.

PRODUCTION: Units produced in domestic factories for the reporting period.

INVENTORY: Stocks as of the last day of the reporting period.

IMPORTS: Import data is from the Bureau of Census Report IM-145. The import data is broken out by the ten digit Harmonized number and reflects imports into the U.S. Customs territories. Data for imports are shown separately on this report. Imports reported by participating companies are reflected in the overall report.

PARTICIPANTS IN THIS REPORT:

Bridgestone/Firestone, Inc.
Carlisle Tire & Rubber Co.
Continental Tire Corp.
Cooper Tire & Rubber Co.
Cupples Company Manufacturers
Denman Tire Corp.
DICO Tire, Inc.
Dunlop Tire Corp.
Fidelity Tire Manufacturing Co.
General Tire
Goodyear Tire & Rubber Co., The
Hankook Tire America Corp.
Kelly-Springfield Tire Co.
McCreary Tire & Rubber Co.
Michelin Tire Corp.
Mohawk Rubber Co.
Pirelli Armstrong Tire Corp.
Robbins Tire & Rubber Co., Inc.
Sumitomo Tire
Toyo Tire (USA) Corp.
Uniroyal Goodrich Tire Co., The
Yokohama Tire Corp.

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Any questions regarding items on this report should be directed to the Management Information Services of RMA; 1400 K. Street, N.W., Suite 900, Washington, D.C., telephone: 202-682-4860, fax 202-682-4870.